

Data File : VX001960.D

Acq On : 25 May 2018 00:19

Operator : JC/MD

Sample : VSTDIC150

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Quant Time: May 25 01:59:56 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri May 25 01:52:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	65974	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	384768	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	356673	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	159017	32.78	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	109.27%
60) 4-Bromofluorobenzene	11.15	95	190660	33.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	111.33%
63) Toluene-d8	8.72	98	470118	29.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.73%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	517227	165.35	ug/l	100
3) Chloromethane	1.32	50	610672	171.66	ug/l	99
4) Vinyl Chloride	1.40	62	620725	168.77	ug/l	100
5) Bromomethane	1.64	94	318406	175.93	ug/l	100
6) Chloroethane	1.70	64	349572	145.77	ug/l	97
7) Trichlorofluoromethane	1.92	101	917532	170.59	ug/l	100
8) Diethyl Ether	2.19	74	350160	154.35	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	497295	168.41	ug/l	98
10) 1,1-Dichloroethene	2.37	96	492291	162.73	ug/l	95
11) Methyl Iodide	2.51	142	850494	190.11	ug/l	98
12) Methyl Acetate	2.79	43	800362	157.52	ug/l	98
13) Acrolein	2.30	56	329994	595.00	ug/l	99
14) Acrylonitrile	3.16	53	1648382	804.74	ug/l	100
15) Acetone	2.46	58	431092	783.88	ug/l	99
16) Carbon Disulfide	2.56	76	1417149	182.57	ug/l	100
17) Allyl chloride	2.73	41	980369	166.33	ug/l	98
18) Methylene Chloride	2.86	84	549700	155.38	ug/l	99
19) trans-1,2-Dichloroethene	3.16	96	523521	160.30	ug/l	99
20) Diisopropyl ether	3.89	45	1917838	173.18	ug/l	98
21) 1,1-Dichloroethane	3.70	63	1022612	163.97	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	624502	167.67	ug/l #	75
23) tert-Butyl Alcohol	3.11	59	877416	925.77	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	1891302	169.23	ug/l	98
25) Chloroform	5.23	83	1093331	169.47	ug/l	100
26) Cyclohexane	5.57	56	942246	196.53	ug/l #	99
29) 1,1-Dichloropropene	5.80	75	794268	164.54	ug/l	99
30) 2-Butanone	4.73	43	2734998	844.28	ug/l	99
31) 2,2-Dichloropropane	4.59	77	653474	155.16	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	1023381	165.87	ug/l	99
33) Carbon Tetrachloride	5.79	117	931844	169.46	ug/l	96
34) Benzene	6.15	78	2368705	154.87	ug/l	99
35) Methacrylonitrile	5.08	41	605005	171.87	ug/l	98
36) 1,2-Dichloroethane	6.21	62	933000	154.87	ug/l	100
37) Trichloroethene	7.22	130	676186	151.24	ug/l	95
38) Methylcyclohexane	7.46	83	914090	173.75	ug/l	100
39) 1,2-Dichloropropane	7.52	63	635418	162.73	ug/l	96
40) Dibromomethane	7.67	93	433435	157.40	ug/l	98

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ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Quant Time: May 25 01:59:56 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri May 25 01:52:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	901894	169.83	ug/l	97
42) Vinyl Acetate	3.84	43	8388572	787.08	ug/l	99
43) Ethyl Acetate	4.88	43	1063495	170.74	ug/l	97
44) Isopropyl Acetate	6.48	43	1803114	184.58	ug/l	99
45) 1,4-Dioxane	7.77	88	345815	3179.36	ug/l #	89
46) Methyl methacrylate	7.79	41	913364	176.46	ug/l	98
47) n-amyl Acetate	10.91	43	1708871	199.59	ug/l #	91
48) t-1,3-Dichloropropene	8.45	75	1020840	173.14	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	1008010	189.35	ug/l	99
50) 1,1,2-Trichloroethane	9.23	97	632256	157.41	ug/l	98
51) Ethyl methacrylate	9.19	69	1099749	179.63	ug/l	98
52) 1,3-Dichloropropane	9.38	76	1051630	157.19	ug/l	99
53) Dibromochloromethane	9.59	129	787335	180.56	ug/l	100
54) 1,2-Dibromoethane	9.68	107	684426	160.51	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	2512622	790.65	ug/l	99
56) Bromoform	10.87	173	738050	203.05	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	5439981	825.09	ug/l	97
59) 2-Hexanone	9.51	43	4296542	864.81	ug/l	98
61) Tetrachloroethene	9.34	164	769440	149.92	ug/l	99
62) Toluene	8.79	91	2643523	155.37	ug/l	100
64) Chlorobenzene	10.15	112	1758964	158.47	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	708303	165.30	ug/l	100
66) Ethyl Benzene	10.26	91	3010619	167.86	ug/l	100
67) m/p-Xylenes	10.37	106	2331828	330.47	ug/l	98
68) o-Xylene	10.71	106	1170215	166.44	ug/l	98
69) Styrene	10.72	104	2010307	173.39	ug/l	99
70) Isopropylbenzene	11.02	105	3124262	171.98	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	1009499	167.66	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	1264464	212.80	ug/l	90
73) Bromobenzene	11.26	156	876377	162.97	ug/l	97
74) n-propylbenzene	11.37	91	3549288	177.22	ug/l	98
75) 2-Chlorotoluene	11.43	91	2182203	174.32	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	2690185	175.63	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	345735	210.08	ug/l	96
78) 4-Chlorotoluene	11.52	91	2535791	178.53	ug/l	99
79) tert-butylbenzene	12.07	119	2899640	179.93	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	2765972	177.45	ug/l	99
81) sec-Butylbenzene	11.95	105	3193949	179.50	ug/l	99
82) p-Isopropyltoluene	12.07	119	2899640	179.93	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	1590961	169.89	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	1603756	170.76	ug/l	99
85) n-Butylbenzene	12.40	91	2543509	195.63	ug/l	99
86) Hexachloroethane	12.60	117	579426	212.42	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	1620758	167.20	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	289347	195.27	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	1208930	175.15	ug/l	100
90) Hexachlorobutadiene	13.79	225	628585	177.64	ug/l	99
91) Naphthalene	13.84	128	3564471	169.49	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	1220649	167.37	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Quantitation Report (Not Reviewed)

Data File : VX001960.D
Acq On : 25 May 2018 00:19
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: May 25 01:59:56 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 01:52:03 2018
Response via : Initial Calibration

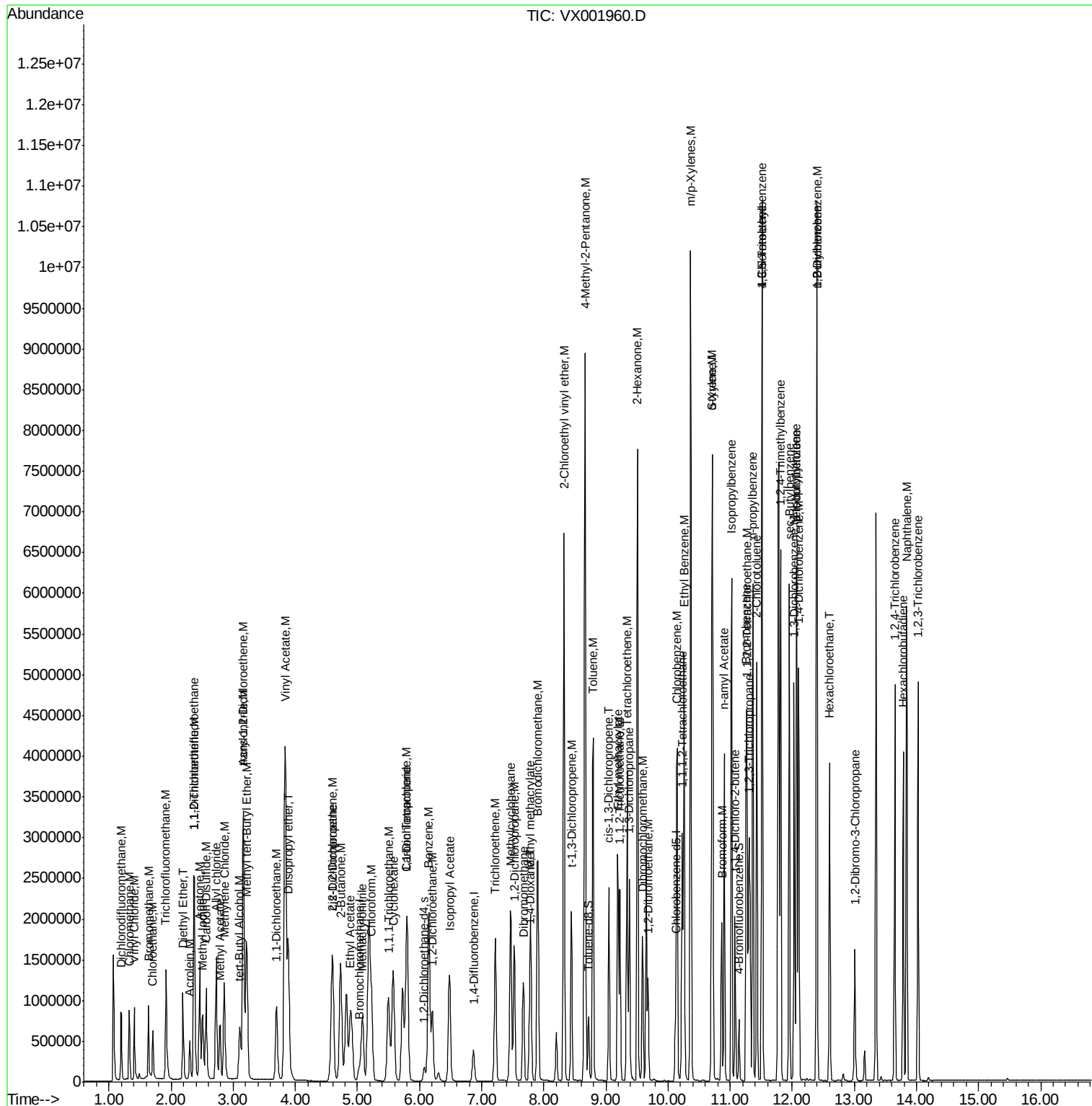
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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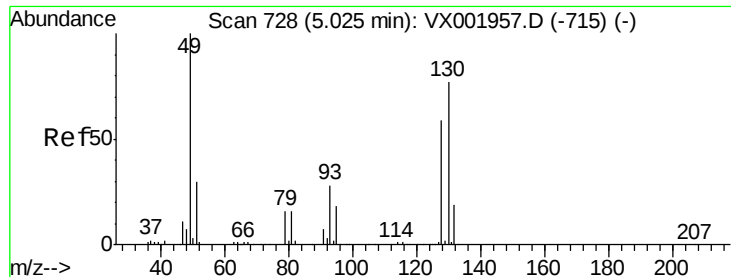
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 28 Sample Multiplier: 1

VSTDICC150

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

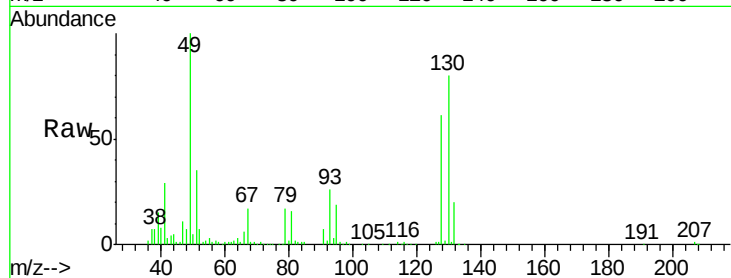
Tgt Ion:128 Resp: 65974

Ion Ratio Lower Upper

128 100

49 177.0 0.0 423.0

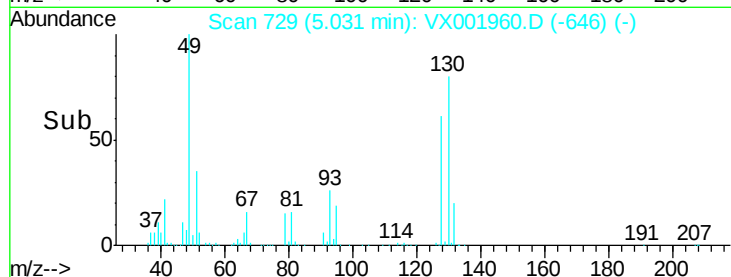
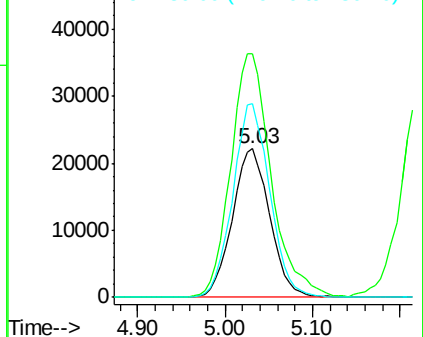
130 128.7 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 165.35 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX001960.D

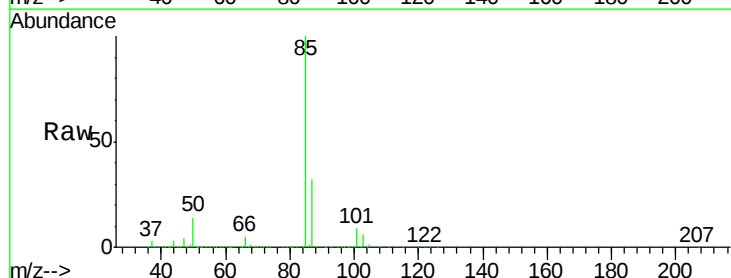
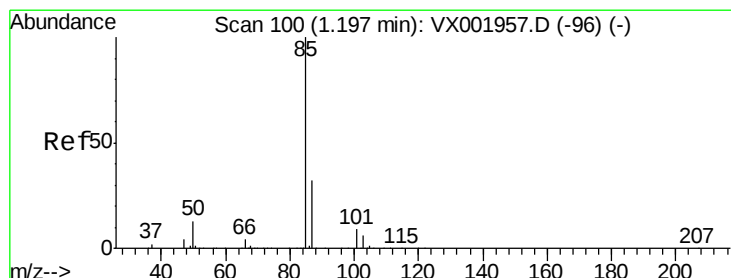
Acq: 25 May 2018 00:19

Tgt Ion: 85 Resp: 517227

Ion Ratio Lower Upper

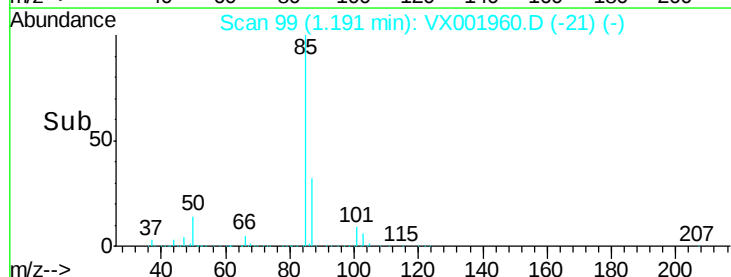
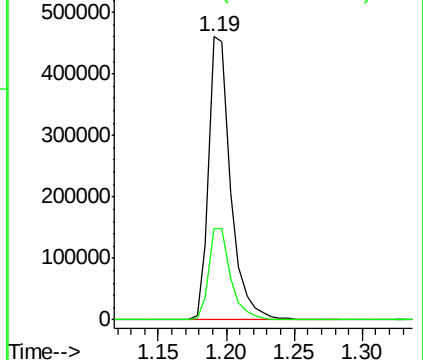
85 100

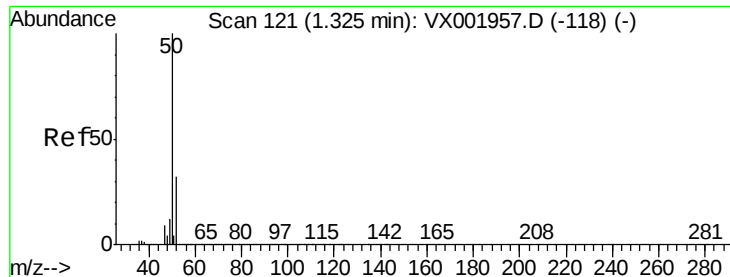
87 32.2 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

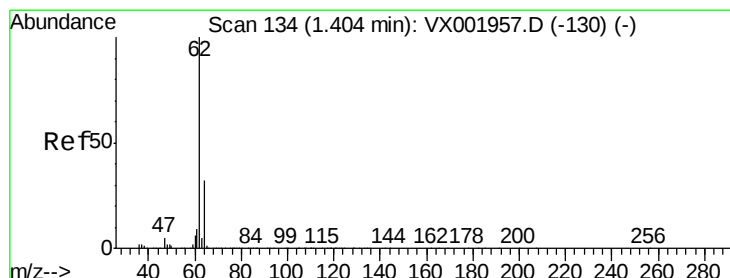
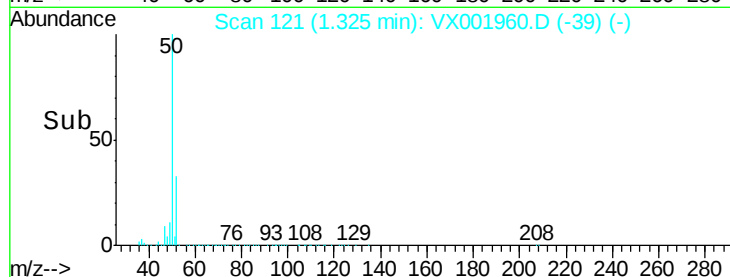
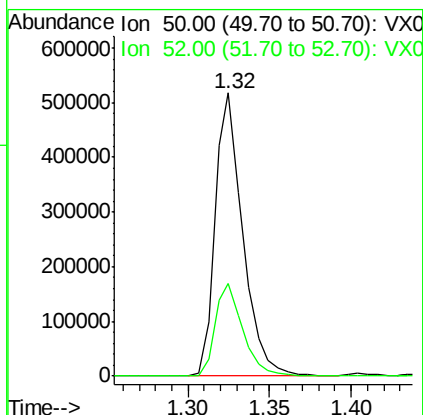
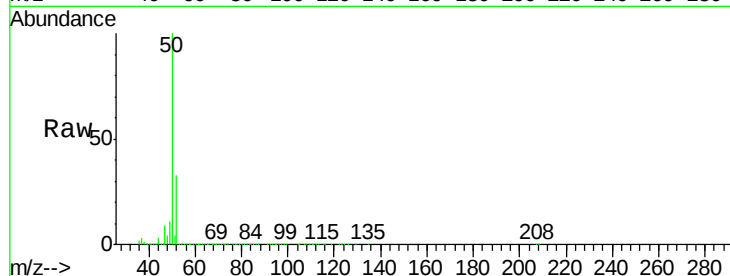




#3
Chloromethane
Concen: 171.66 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

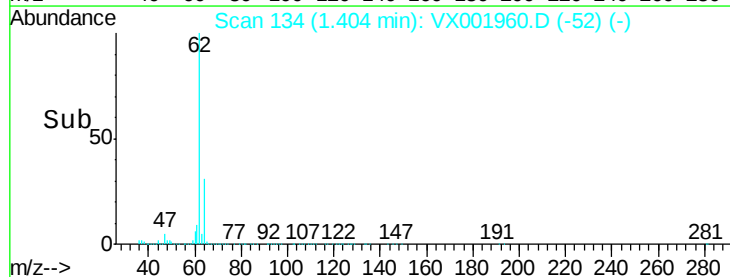
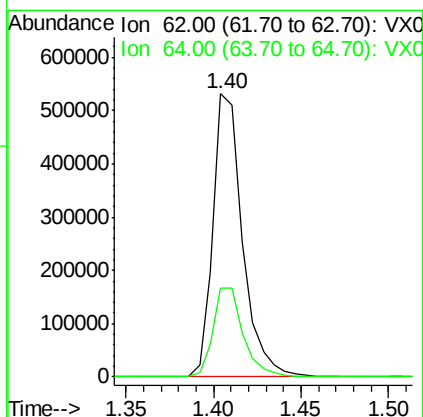
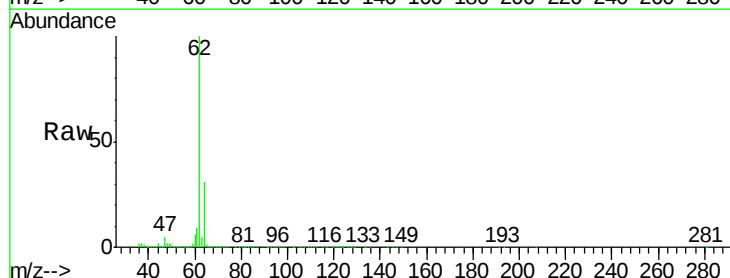
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

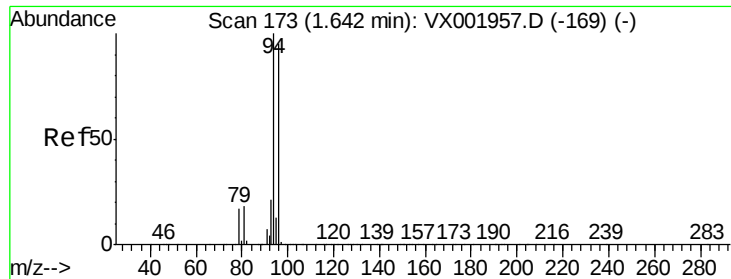
Tgt Ion: 50 Resp: 610672
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 168.77 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

Tgt Ion: 62 Resp: 620725
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9





#5

Bromomethane

Concen: 175.93 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

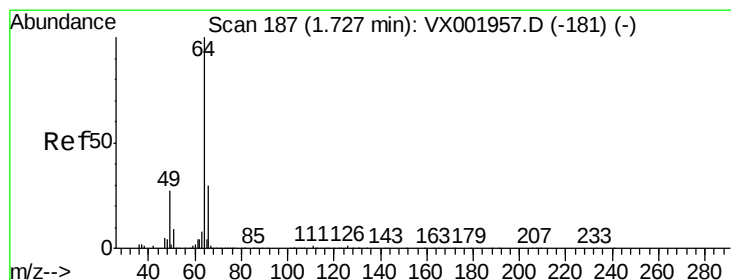
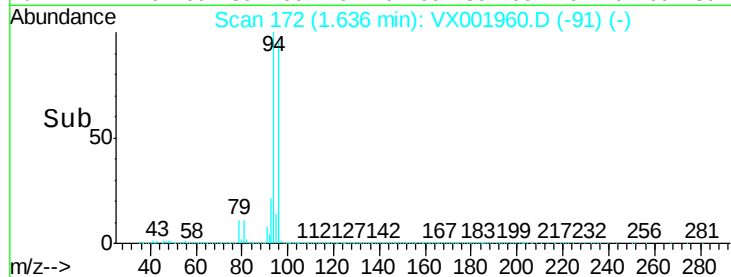
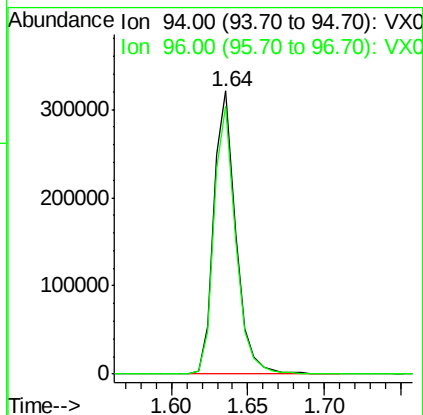
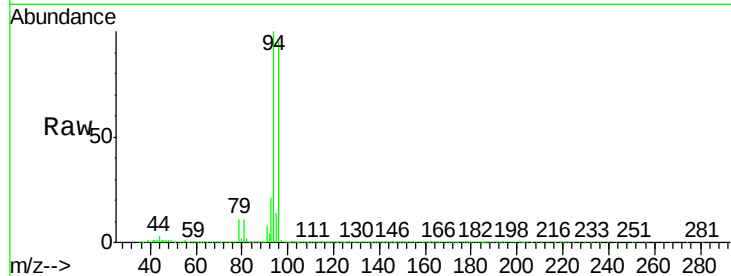
VSTDIC150

Tgt Ion: 94 Resp: 318406

Ion Ratio Lower Upper

94 100

96 94.6 75.7 113.5



#6

Chloroethane

Concen: 145.77 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX001960.D

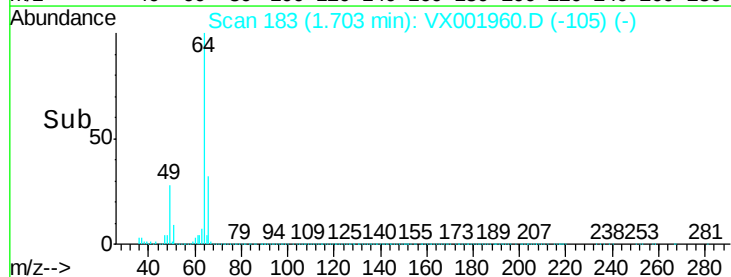
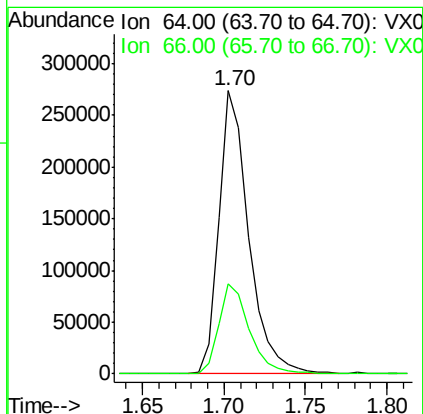
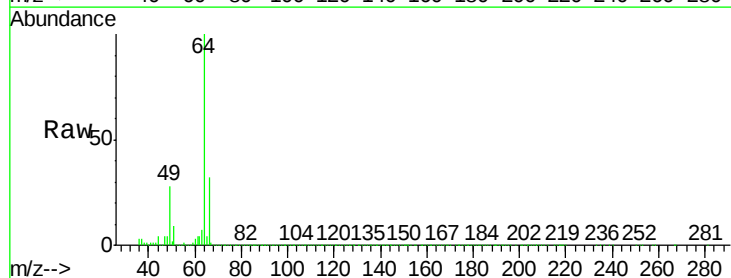
Acq: 25 May 2018 00:19

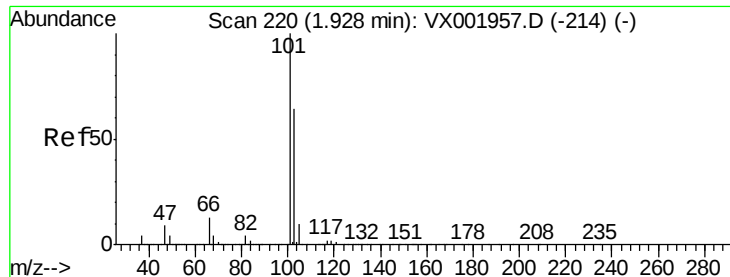
Tgt Ion: 64 Resp: 349572

Ion Ratio Lower Upper

64 100

66 31.9 24.3 36.5



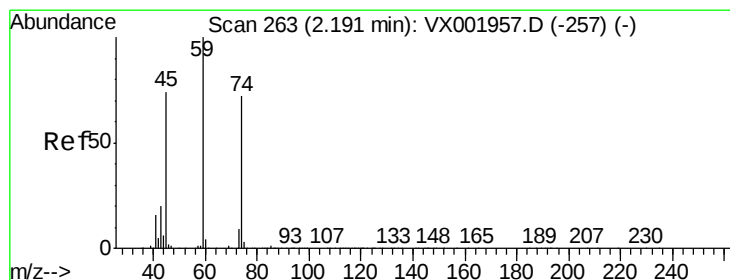
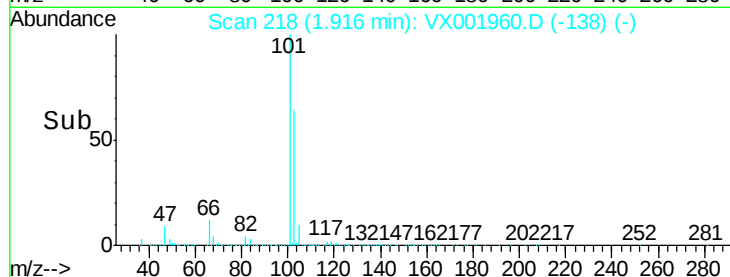
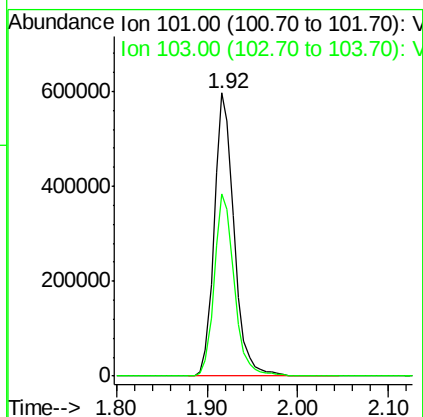
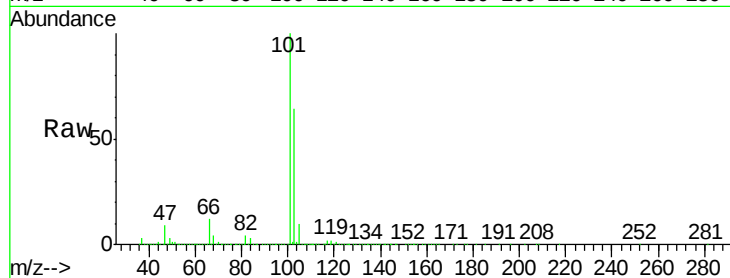


#7

Trichlorofluoromethane
 Concen: 170.59 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

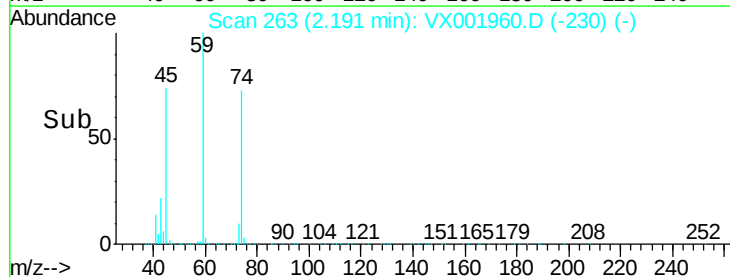
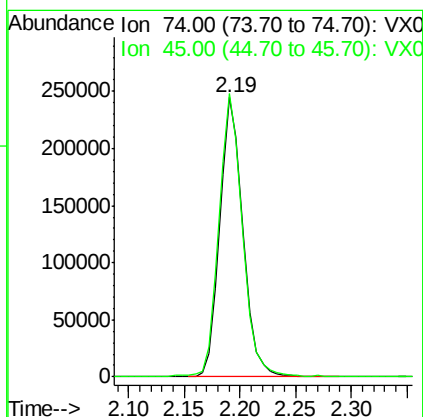
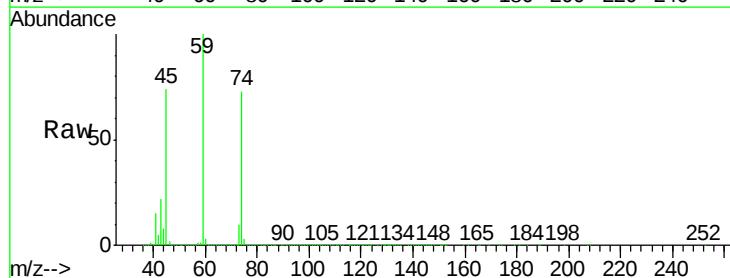
Tgt Ion:101 Resp: 917532
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

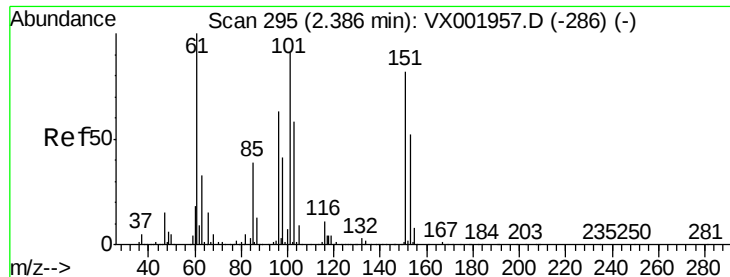


#8

Diethyl Ether
 Concen: 154.35 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Tgt Ion: 74 Resp: 350160
 Ion Ratio Lower Upper
 74 100
 45 102.4 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 168.41 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

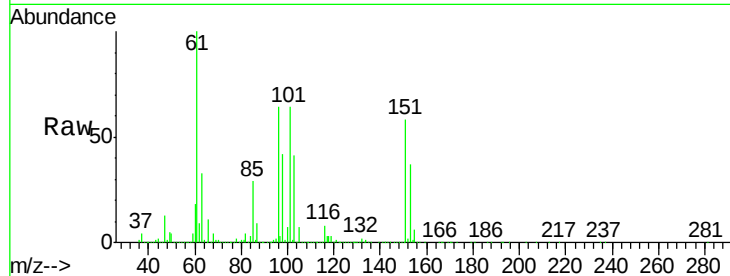
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

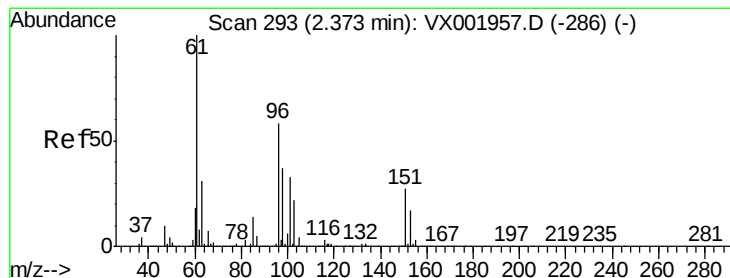
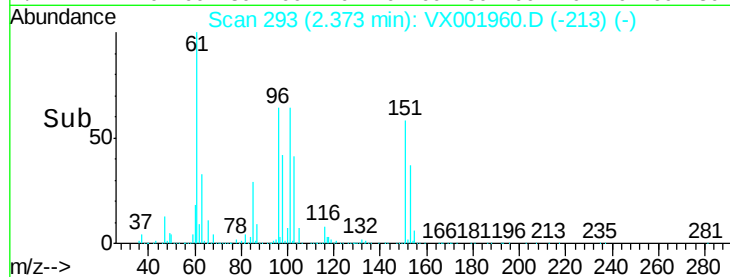
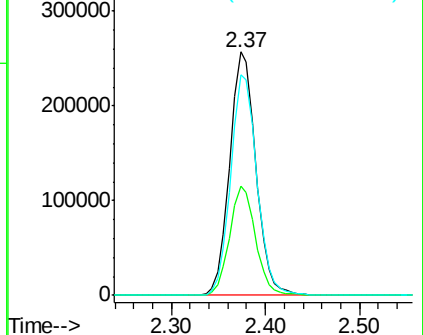
Tgt Ion:	101	Resp:	497295
Ion	Ratio	Lower	Upper
101	100		
85	44.3	0.0	87.0
151	91.1	0.0	177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 162.73 ug/l

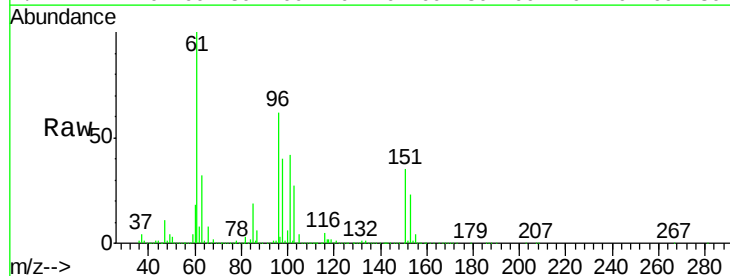
RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

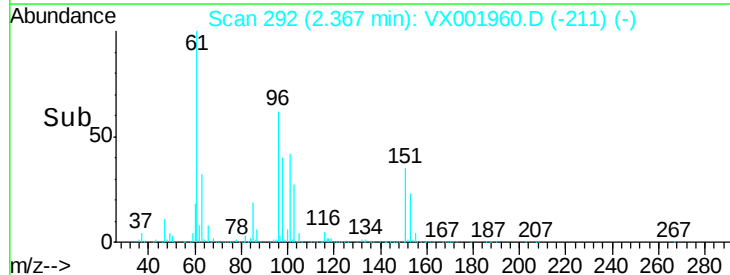
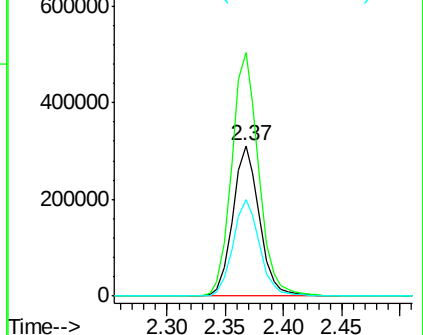
Tgt Ion:	96	Resp:	492291
Ion	Ratio	Lower	Upper
96	100		
61	161.6	137.5	206.3
98	64.1	51.4	77.2

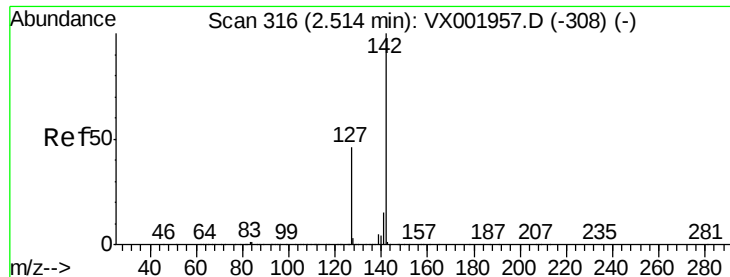


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

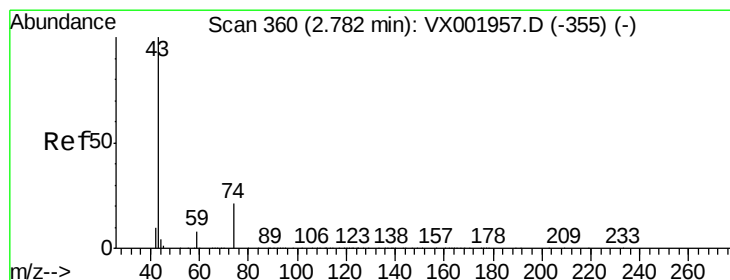
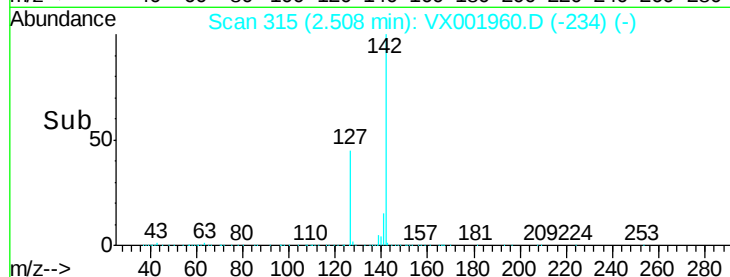
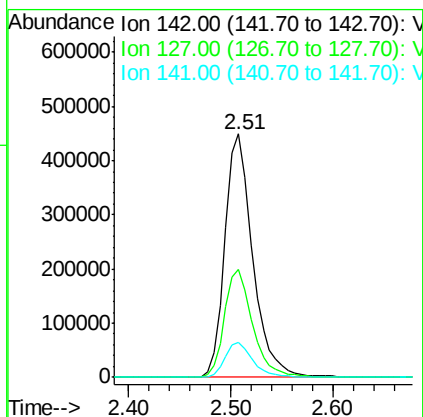
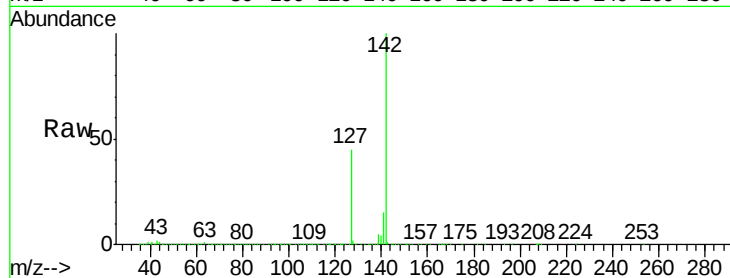




#11
Methyl Iodide
Concen: 190.11 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

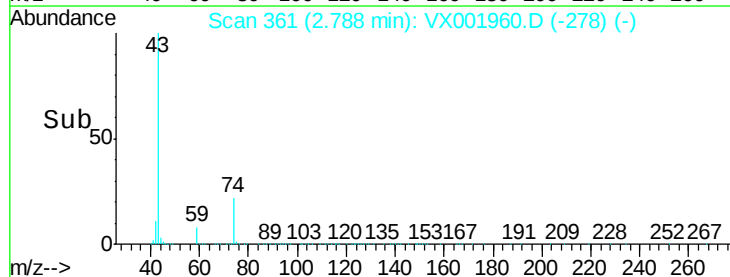
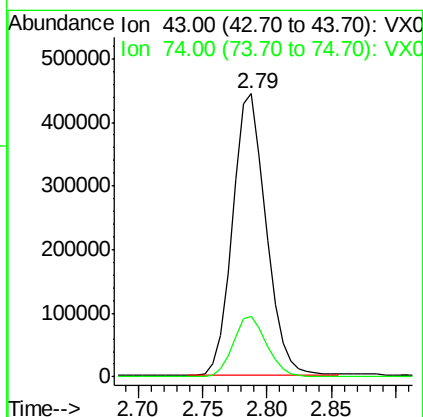
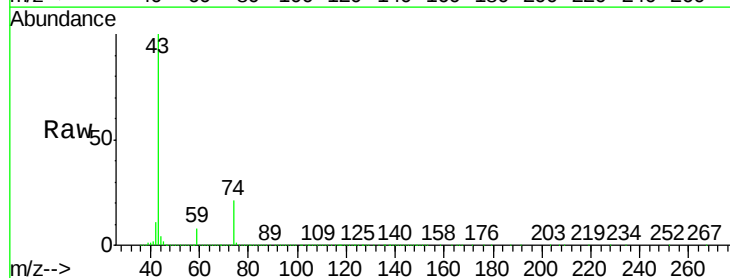
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

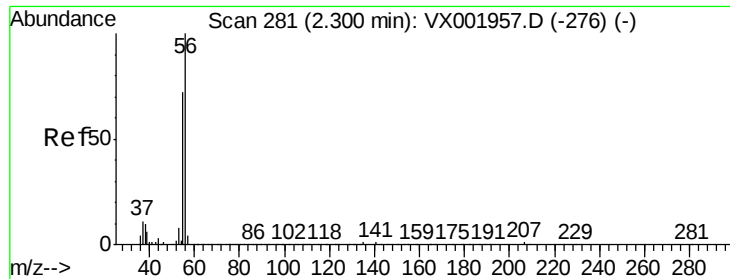
Tgt Ion:142 Resp: 850494
Ion Ratio Lower Upper
142 100
127 44.5 23.2 69.6
141 14.6 7.4 22.2



#12
Methyl Acetate
Concen: 157.52 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

Tgt Ion: 43 Resp: 800362
Ion Ratio Lower Upper
43 100
74 21.5 16.4 24.6

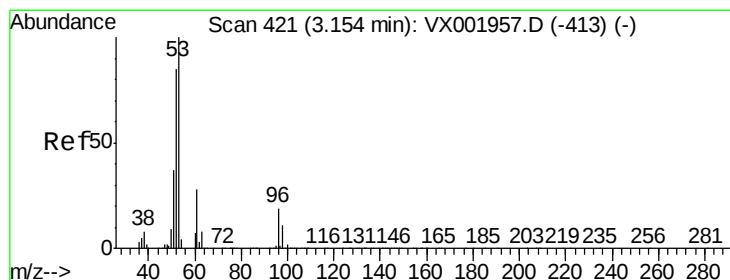
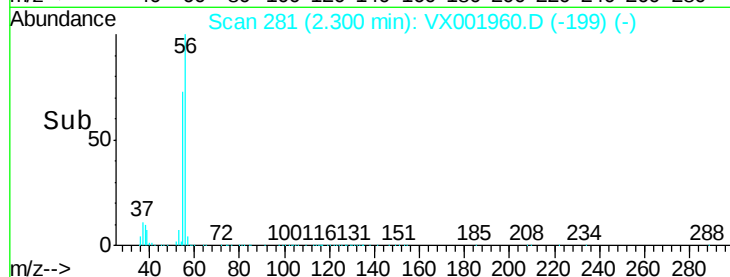
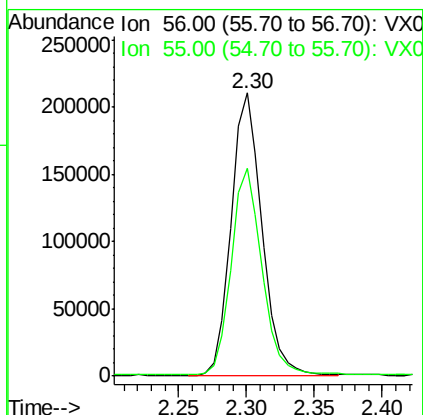
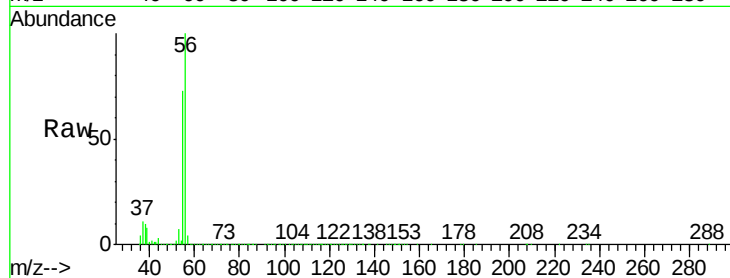




#13
Acrolein
Concen: 595.00 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

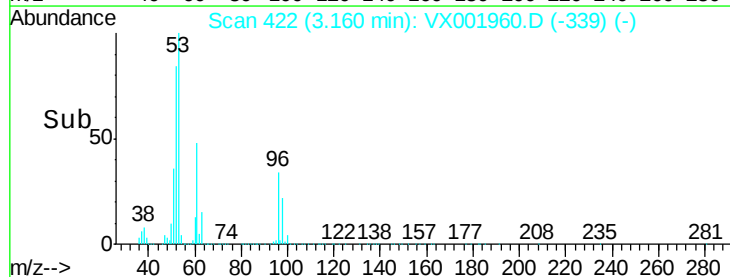
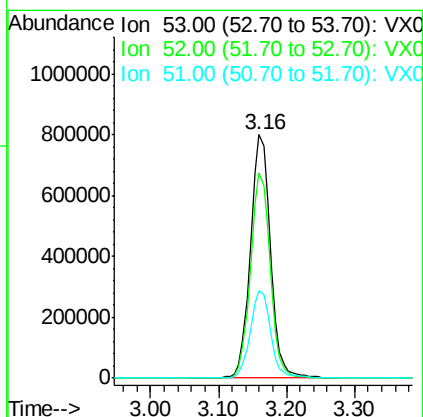
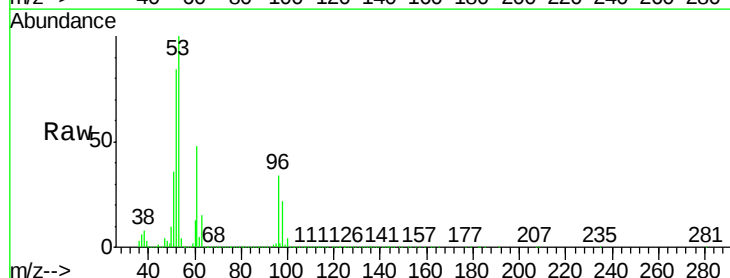
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

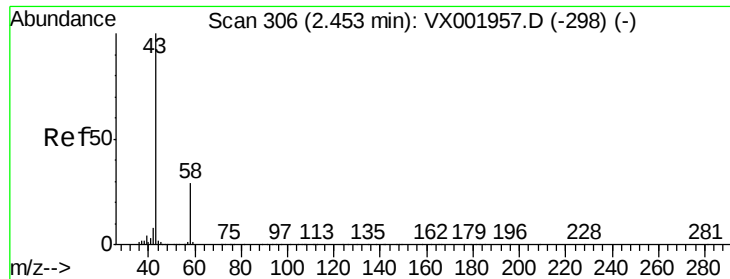
Tgt Ion: 56 Resp: 329994
Ion Ratio Lower Upper
56 100
55 72.5 57.3 85.9



#14
Acrylonitrile
Concen: 804.74 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

Tgt Ion: 53 Resp: 1648382
Ion Ratio Lower Upper
53 100
52 82.8 41.5 124.6
51 36.4 17.9 53.8

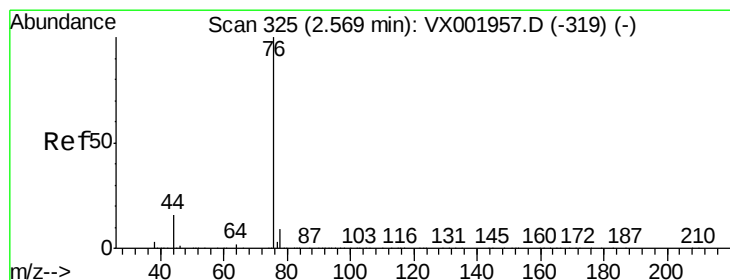
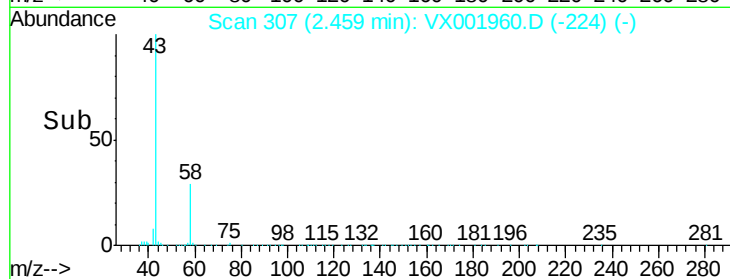
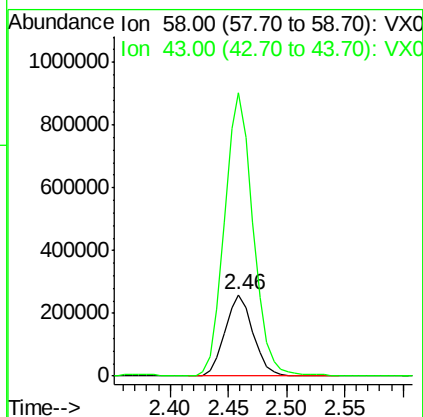
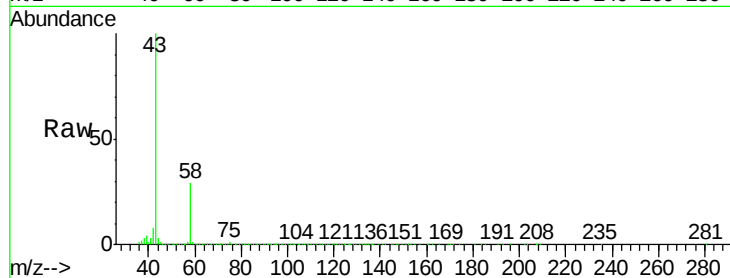




#15
Acetone
Concen: 783.88 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

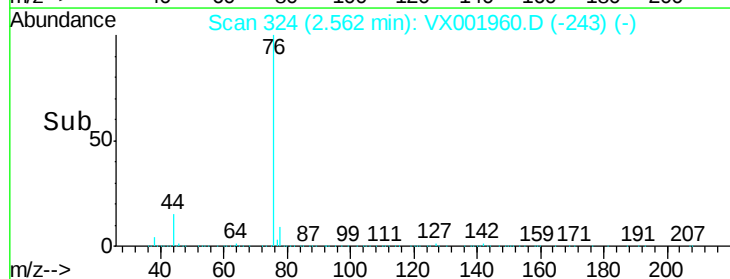
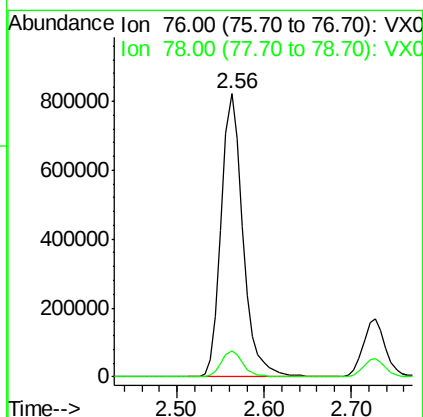
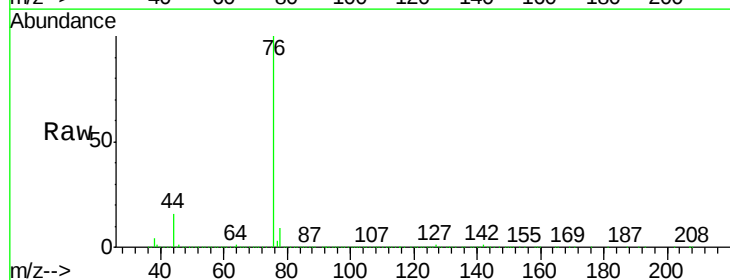
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

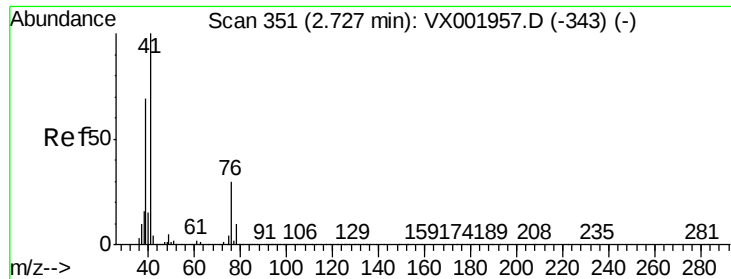
Tgt Ion: 58 Resp: 431092
Ion Ratio Lower Upper
58 100
43 346.9 278.8 418.2



#16
Carbon Disulfide
Concen: 182.57 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

Tgt Ion: 76 Resp: 1417149
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

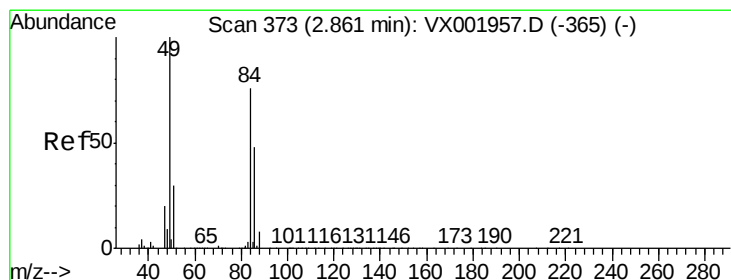
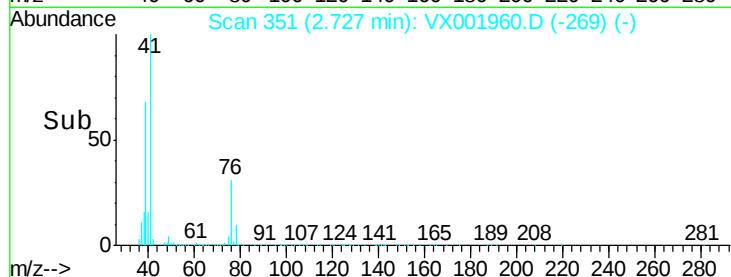
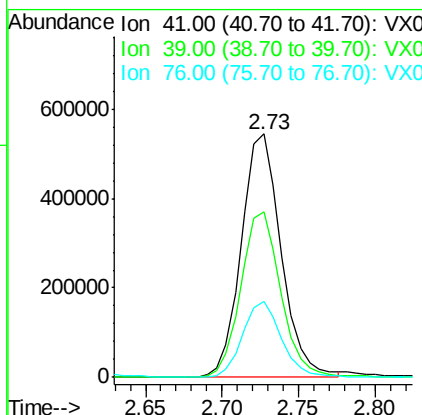
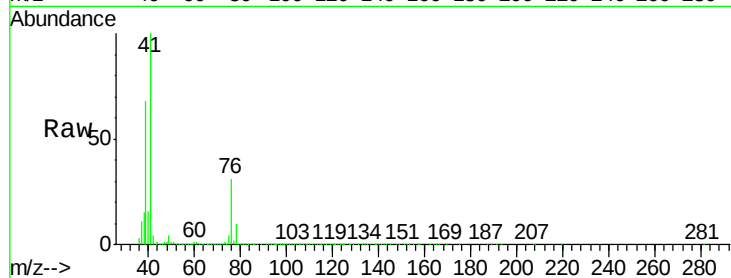




#17
 Allyl chloride
 Concen: 166.33 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

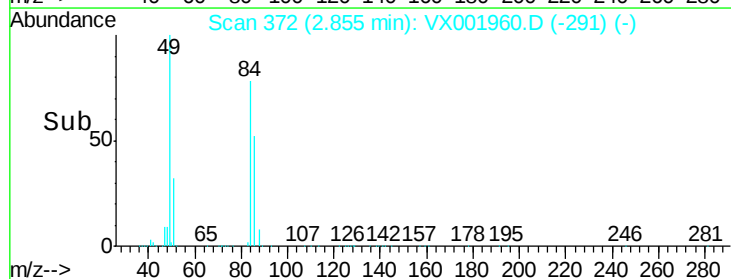
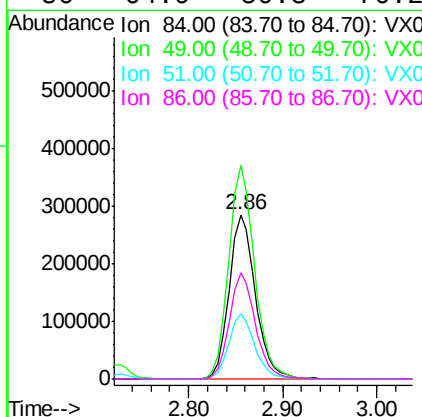
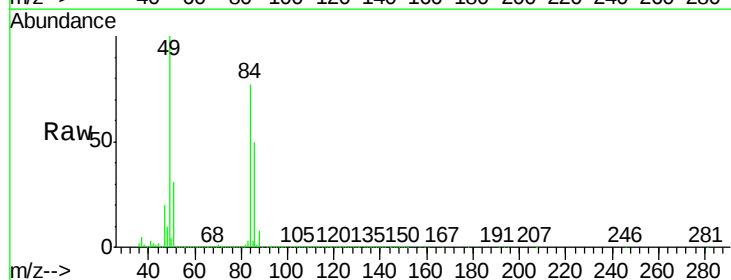
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

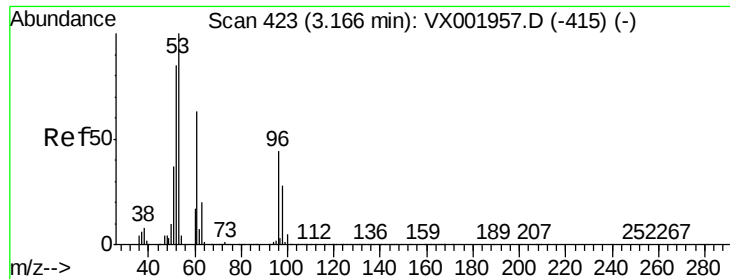
Tgt Ion: 41 Resp: 980369
 Ion Ratio Lower Upper
 41 100
 39 67.7 34.6 103.8
 76 31.1 15.0 45.1



#18
 Methylene Chloride
 Concen: 155.38 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Tgt Ion: 84 Resp: 549700
 Ion Ratio Lower Upper
 84 100
 49 130.4 104.7 157.1
 51 39.8 31.0 46.4
 86 64.9 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 160.30 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

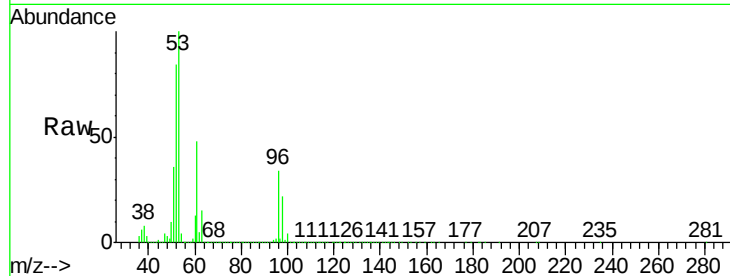
Tgt Ion: 96 Resp: 523521

Ion Ratio Lower Upper

96 100

61 142.6 114.6 172.0

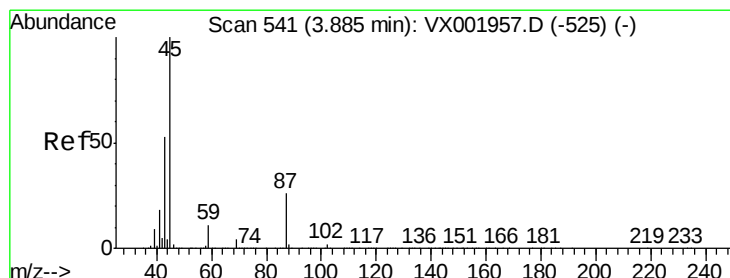
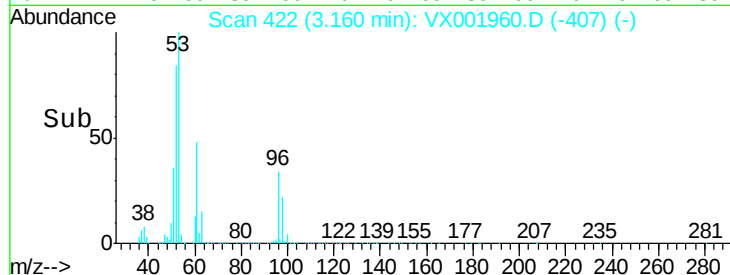
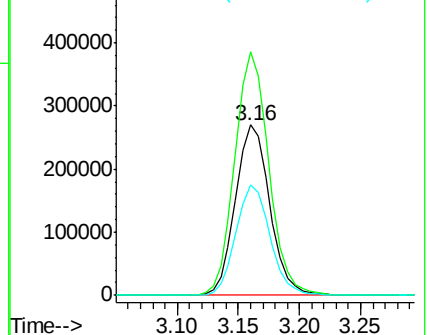
98 64.6 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 173.18 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Tgt Ion: 45 Resp: 1917838

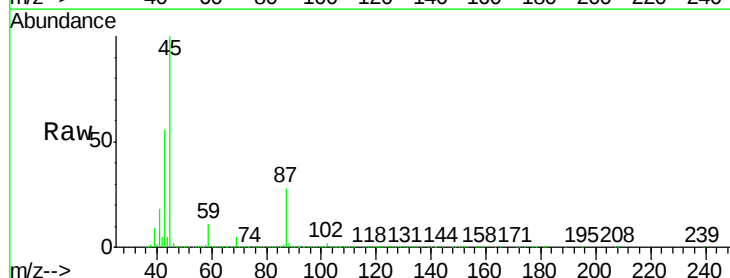
Ion Ratio Lower Upper

45 100

43 56.2 45.6 68.4

87 27.5 20.7 31.1

59 11.4 8.9 13.3

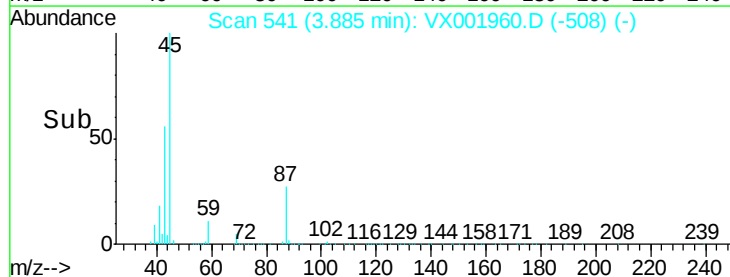
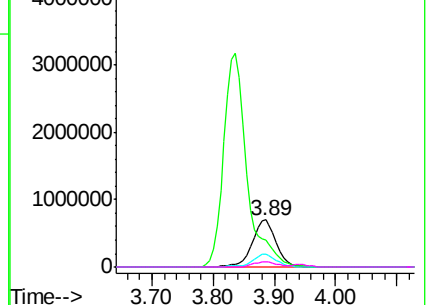


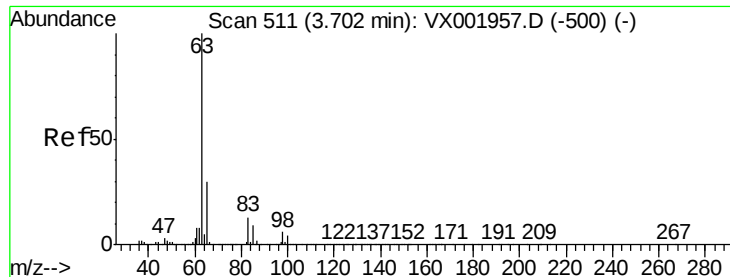
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 163.97 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

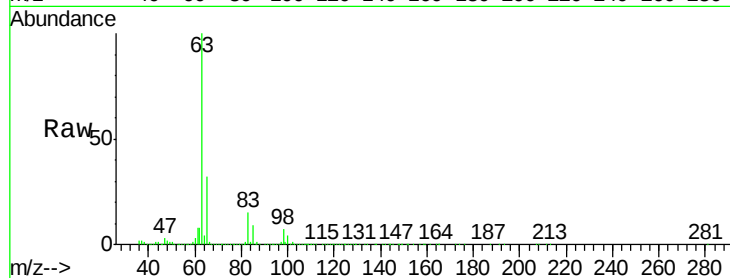
Tgt Ion: 63 Resp: 1022612

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

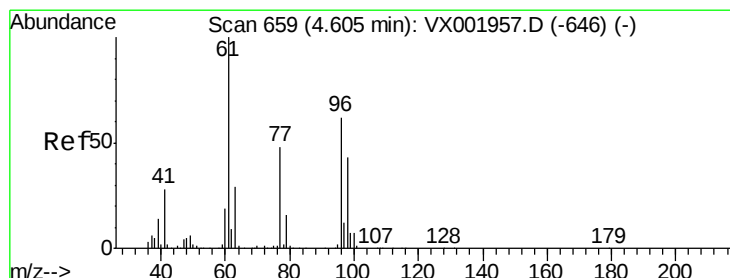
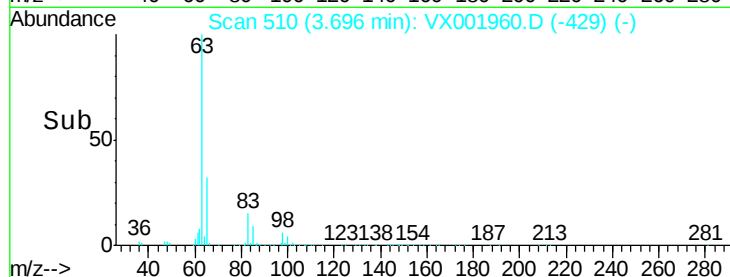
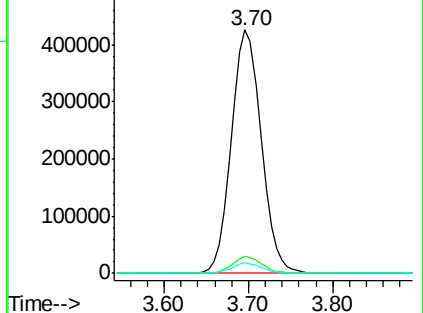
100 4.3 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 167.67 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

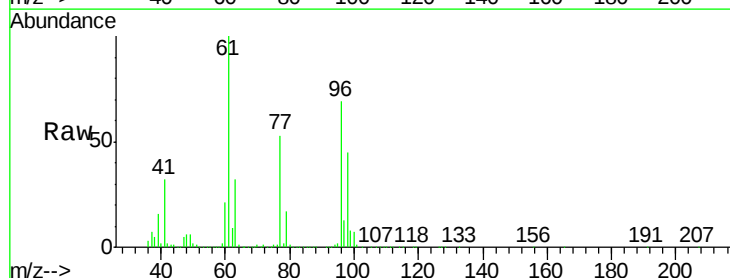
Tgt Ion: 96 Resp: 624502

Ion Ratio Lower Upper

96 100

61 151.3 160.2 240.2#

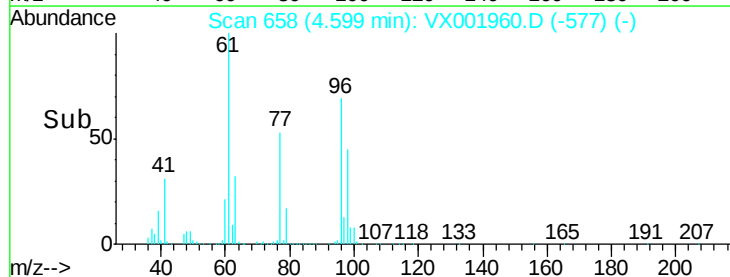
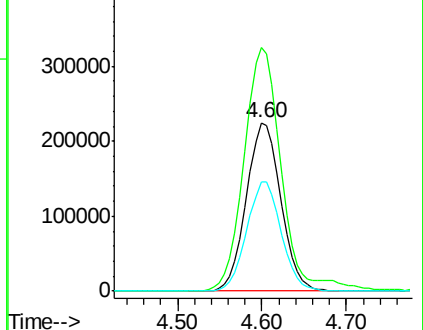
98 64.8 54.1 81.1

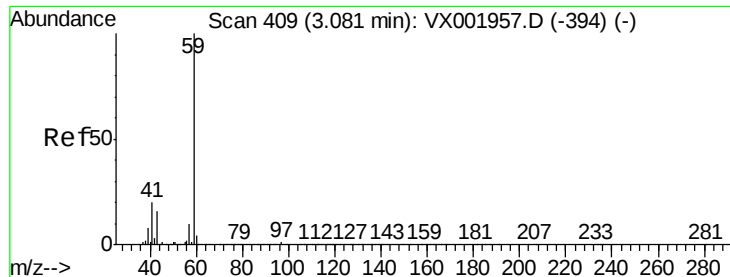


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

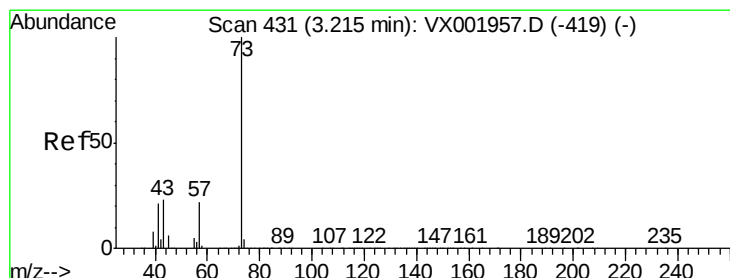
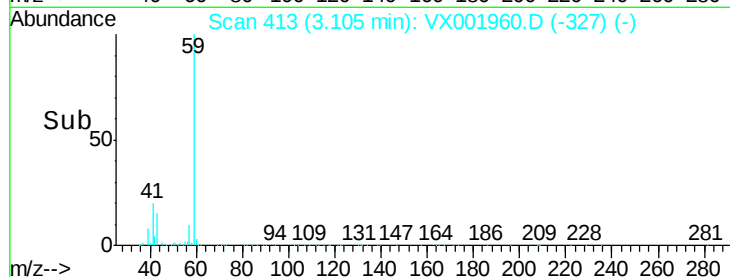
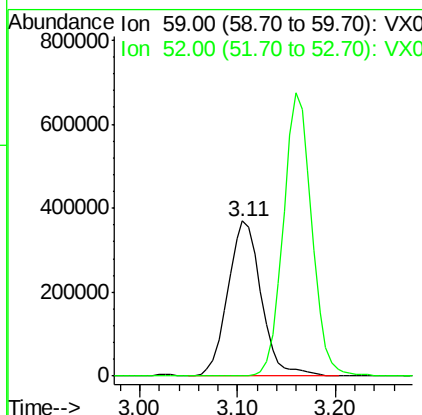
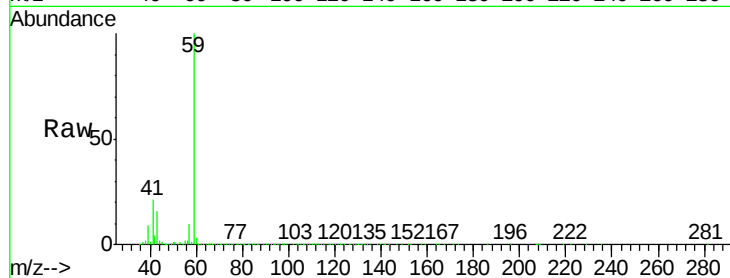




#23
 tert-Butyl Alcohol
 Concen: 925.77 ug/l
 RT: 3.11 min Scan# 413
 Delta R.T. 0.02 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

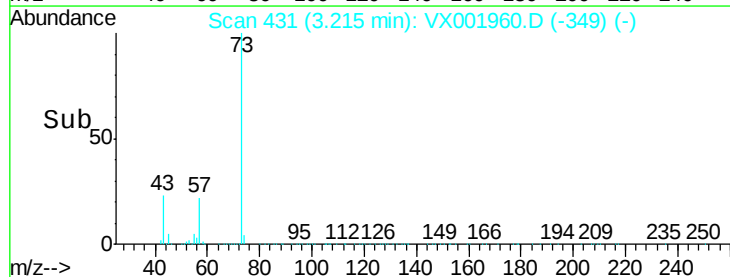
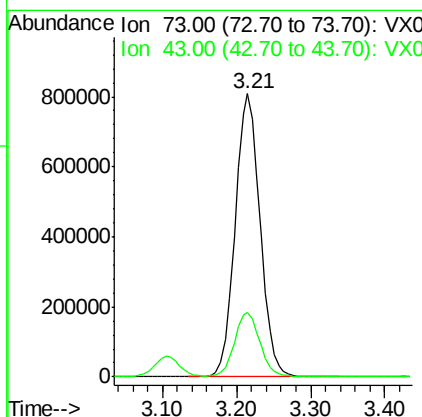
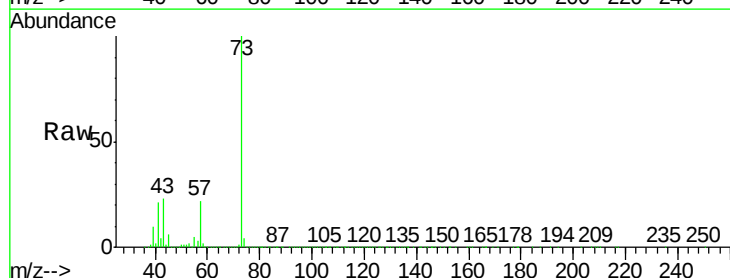
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

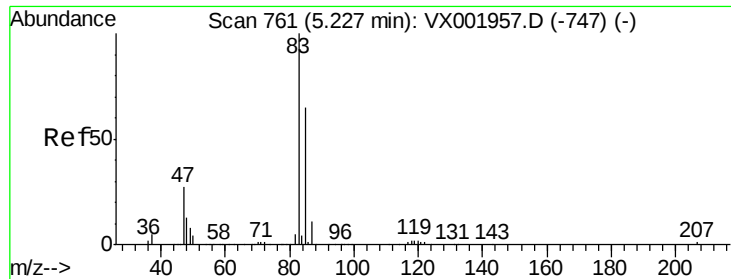
Tgt Ion: 59 Resp: 877416
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 169.23 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Tgt Ion: 73 Resp: 1891302
 Ion Ratio Lower Upper
 73 100
 43 22.8 19.0 28.4





#25

Chloroform

Concen: 169.47 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

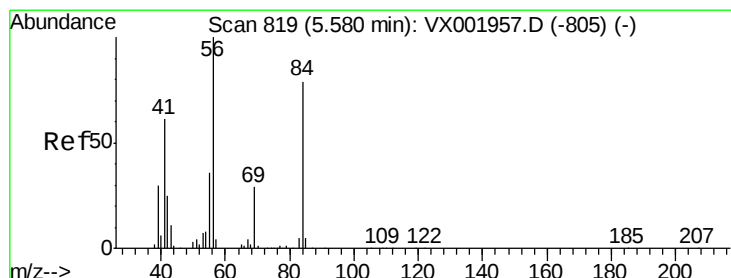
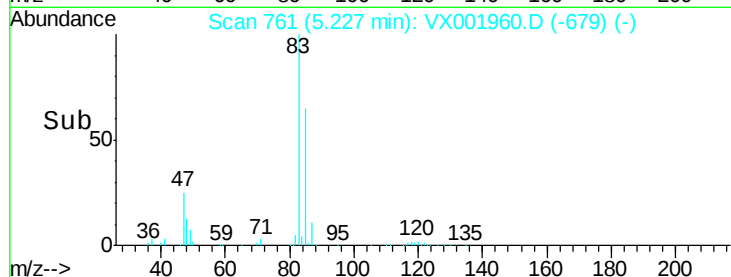
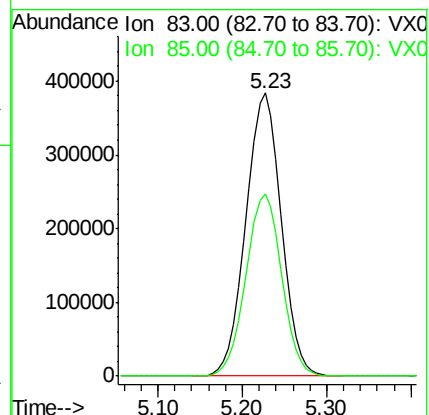
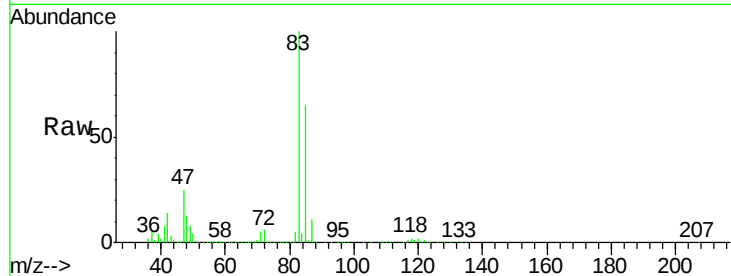
VSTDIC150

Tgt Ion: 83 Resp: 1093331

Ion Ratio Lower Upper

83 100

85 64.6 51.9 77.9



#26

Cyclohexane

Concen: 196.53 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

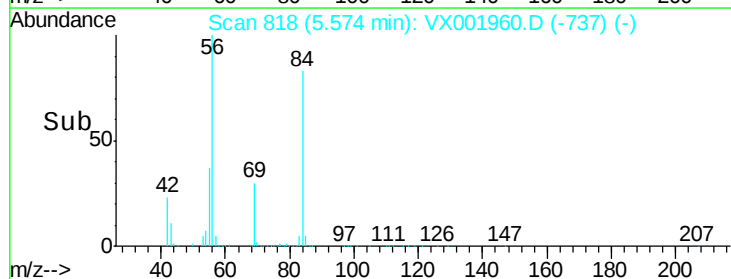
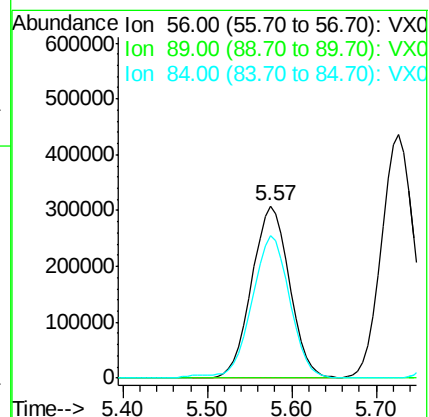
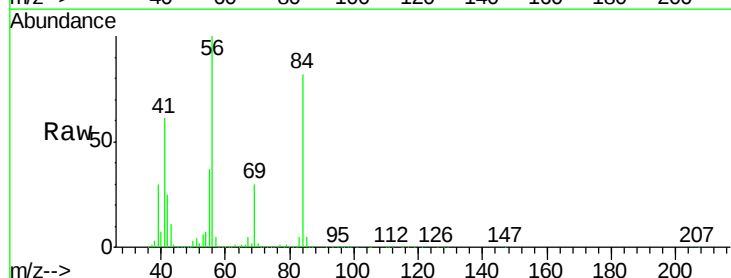
Tgt Ion: 56 Resp: 942246

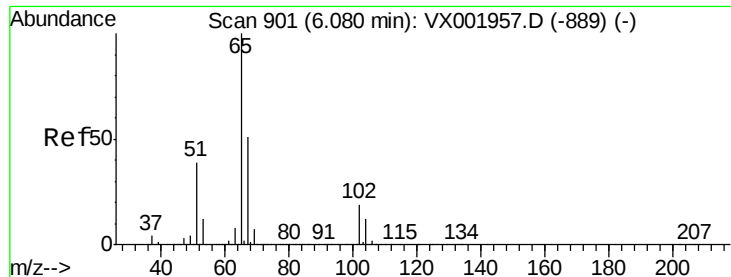
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 82.3 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 32.78 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

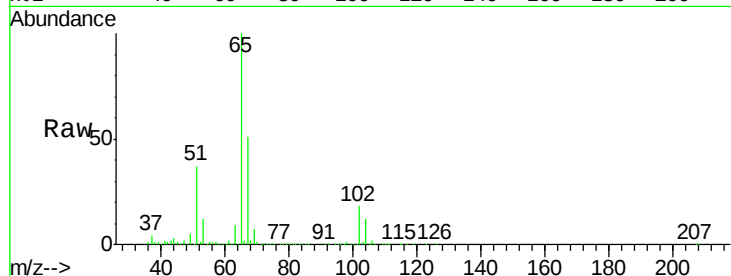
VSTDIC150

Tgt Ion: 65 Resp: 159017

Ion Ratio Lower Upper

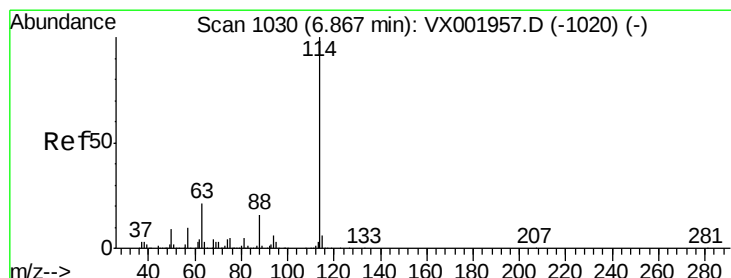
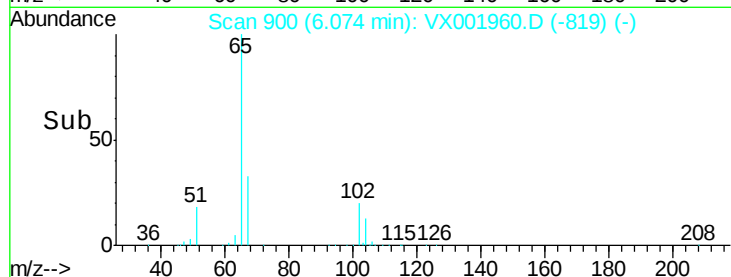
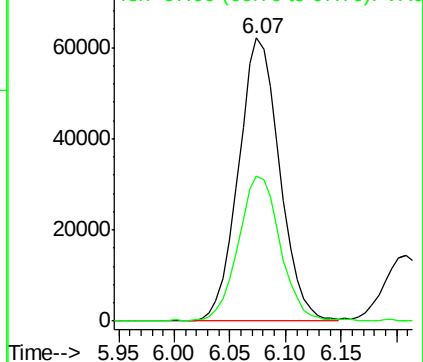
65 100

67 51.4 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

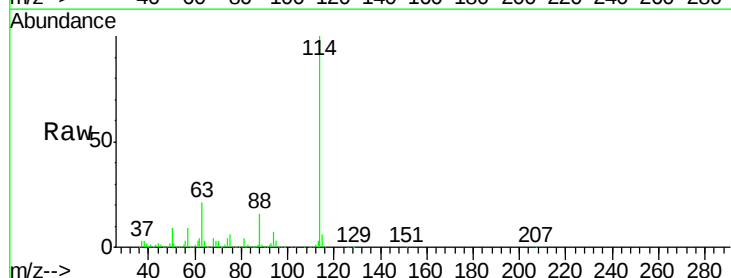
Tgt Ion: 114 Resp: 384768

Ion Ratio Lower Upper

114 100

63 20.8 17.1 25.7

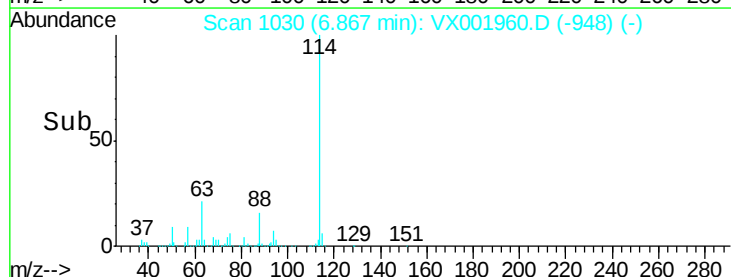
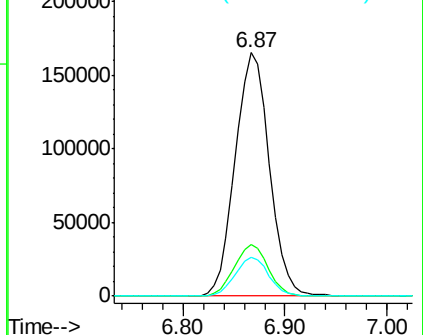
88 15.7 12.6 19.0

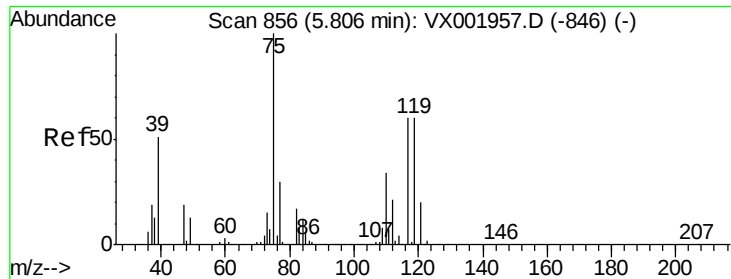


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

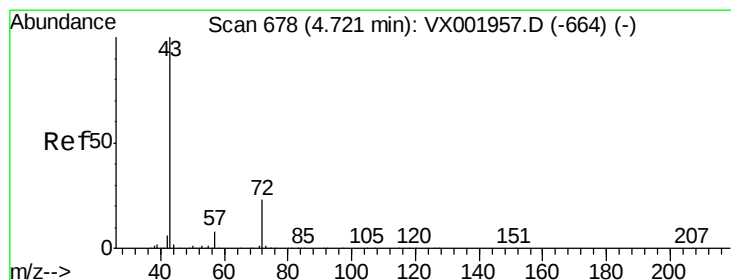
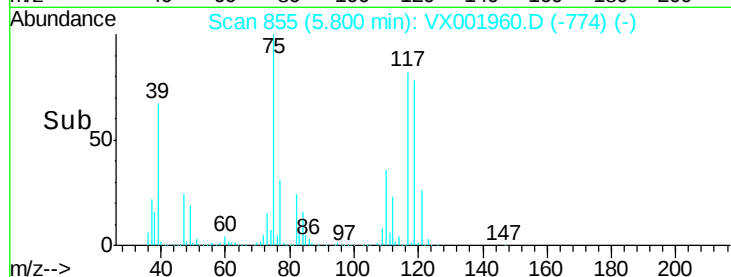
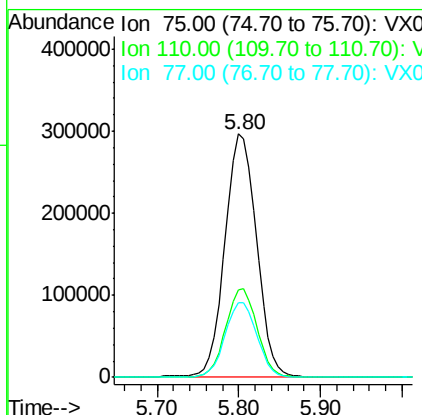
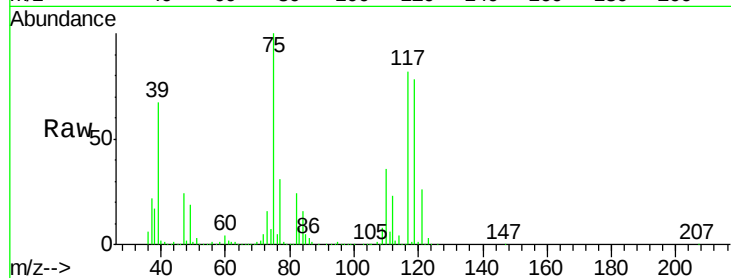




#29
 1,1-Dichloropropene
 Concen: 164.54 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

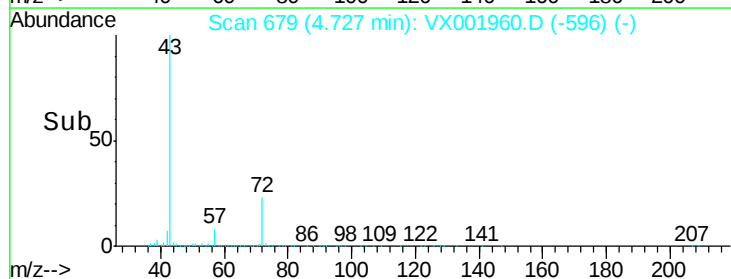
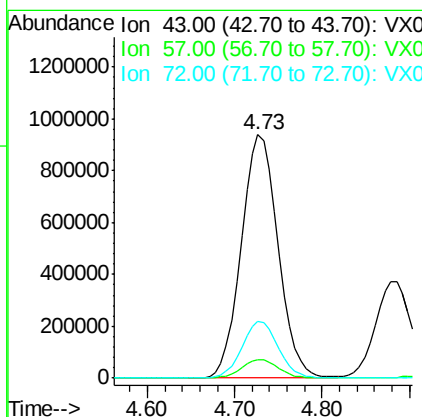
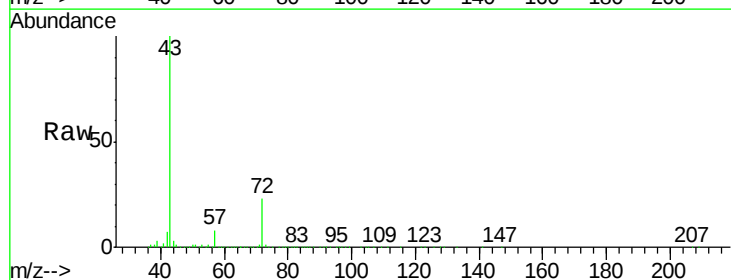
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

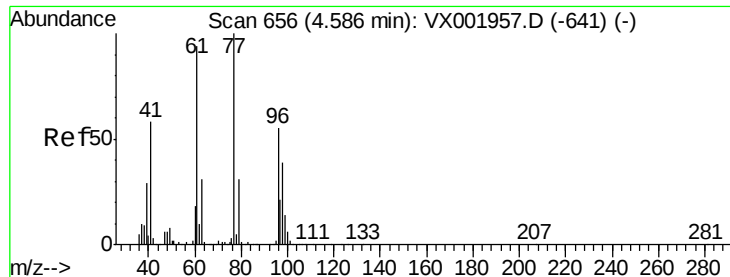
Tgt Ion: 75 Resp: 794268
 Ion Ratio Lower Upper
 75 100
 110 36.3 0.0 71.4
 77 30.8 0.0 60.6



#30
 2-Butanone
 Concen: 844.28 ug/l
 RT: 4.73 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Tgt Ion: 43 Resp: 2734998
 Ion Ratio Lower Upper
 43 100
 57 7.5 6.1 9.1
 72 23.0 18.1 27.1





#31

2,2-Dichloropropane

Concen: 155.16 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

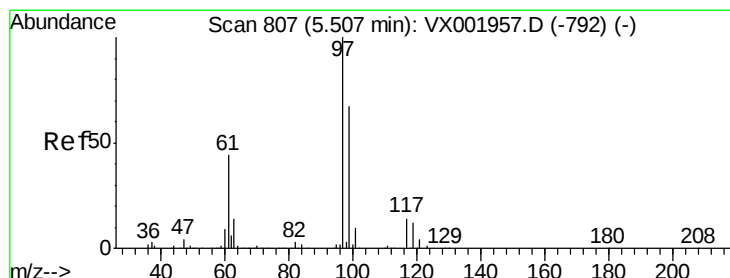
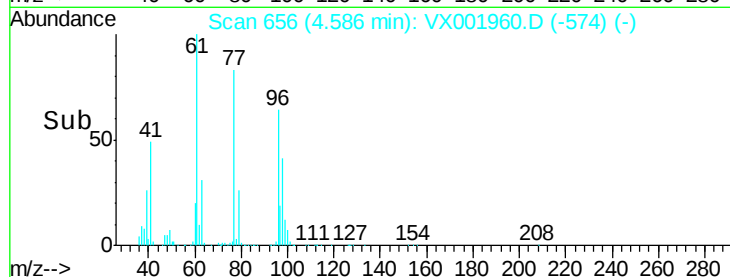
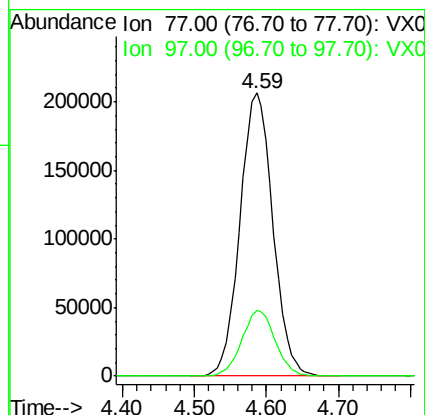
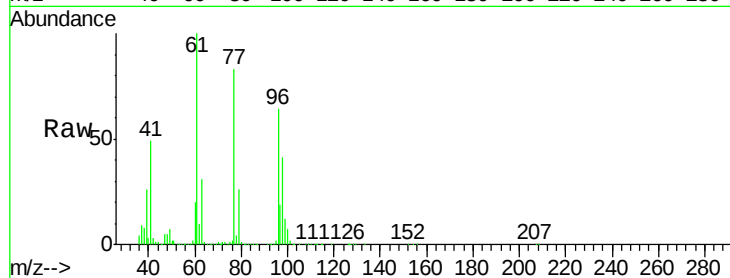
VSTDIC150

Tgt Ion: 77 Resp: 653474

Ion Ratio Lower Upper

77 100

97 23.4 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 165.87 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

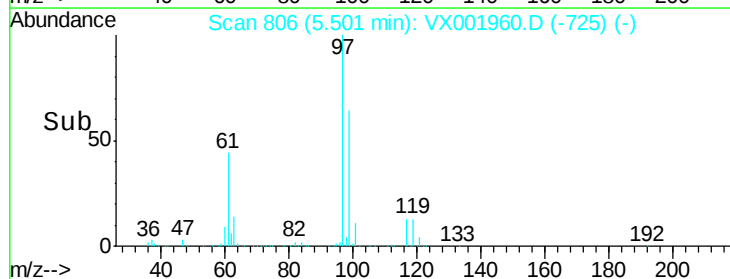
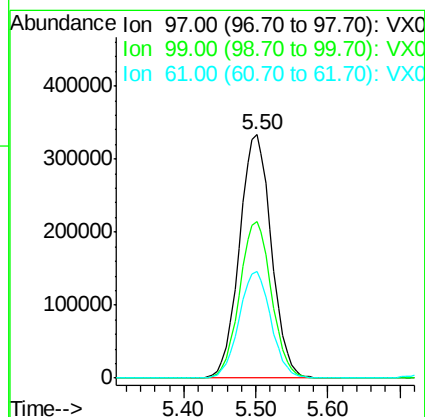
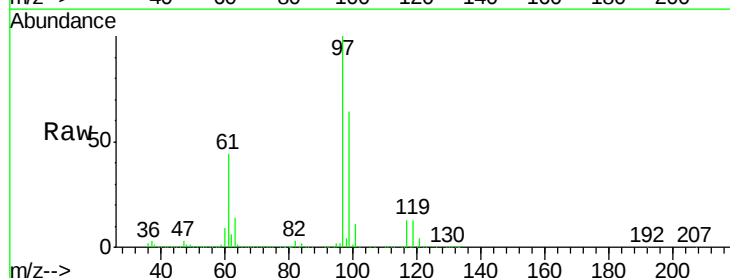
Tgt Ion: 97 Resp: 1023381

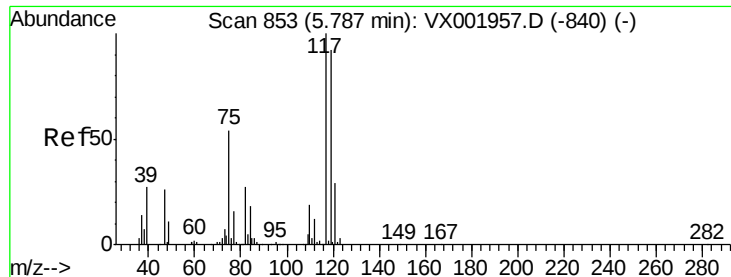
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 43.9 36.4 54.6





#33

Carbon Tetrachloride

Concen: 169.46 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

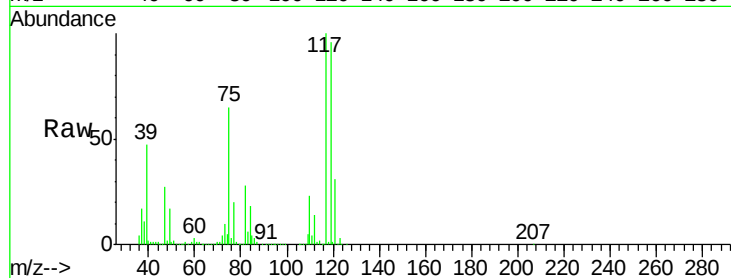
Tgt Ion:117 Resp: 931844

Ion Ratio Lower Upper

117 100

119 96.4 73.3 109.9

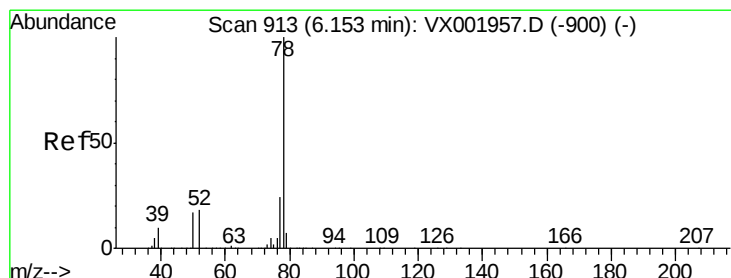
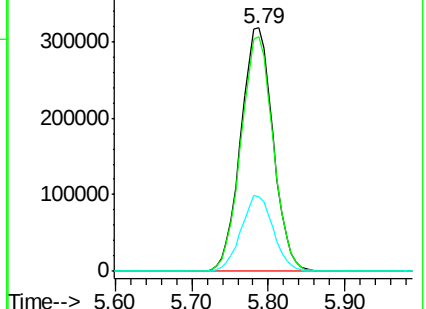
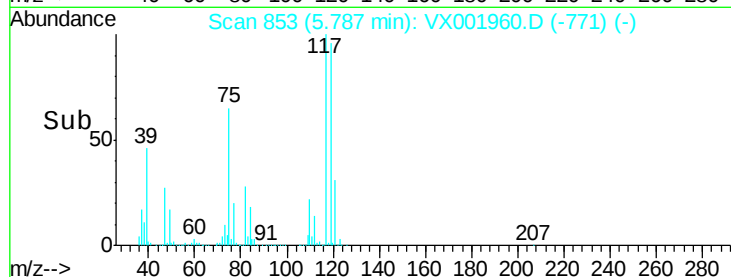
121 30.9 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 154.87 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

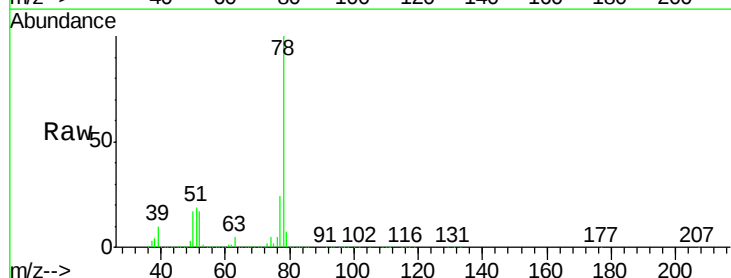
Tgt Ion: 78 Resp: 2368705

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

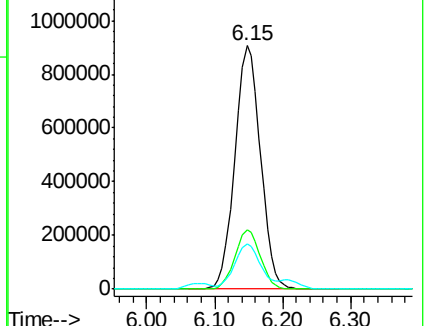
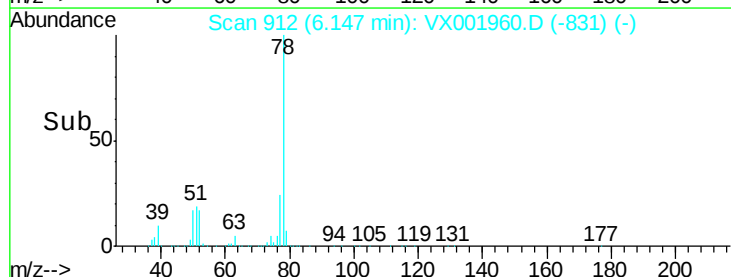
51 18.5 13.8 20.6

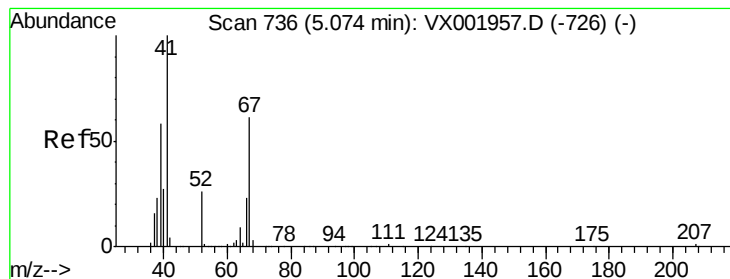


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#35

Methacrylonitrile

Concen: 171.87 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 605005

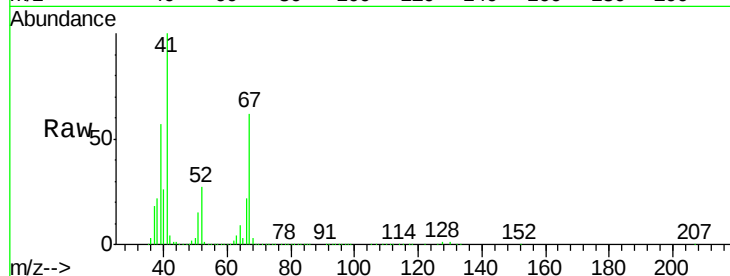
Ion Ratio Lower Upper

41 100

39 56.6 28.8 86.5

67 61.9 30.4 91.2

52 27.1 13.0 39.0

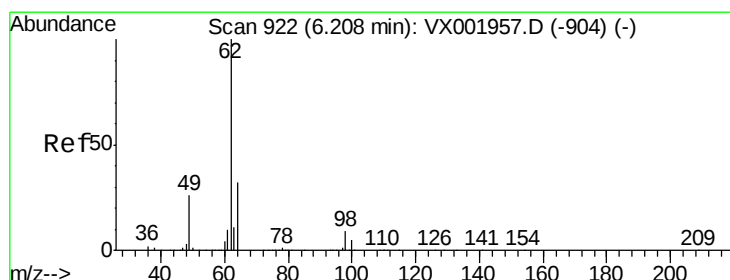
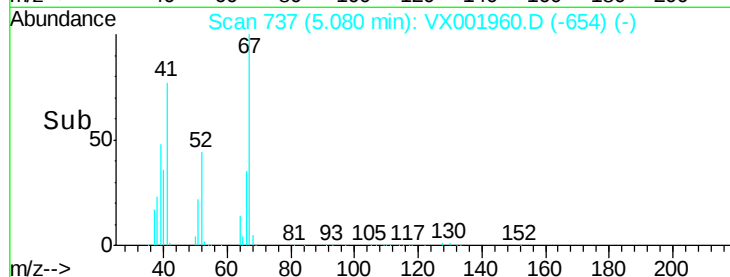
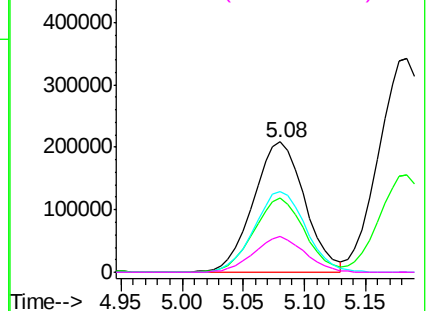


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36

1,2-Dichloroethane

Concen: 154.87 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX001960.D

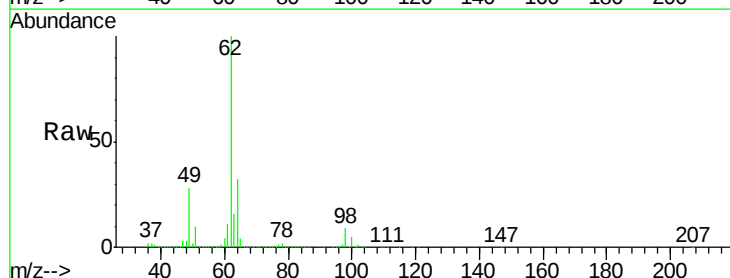
Acq: 25 May 2018 00:19

Tgt Ion: 62 Resp: 933000

Ion Ratio Lower Upper

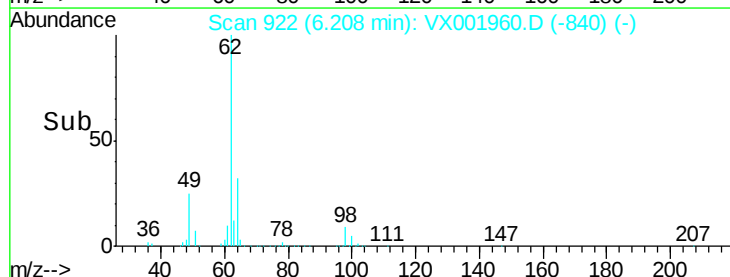
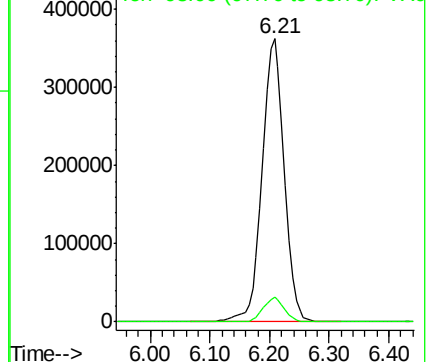
62 100

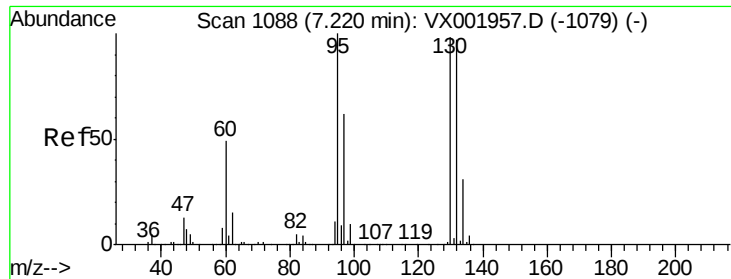
98 8.2 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 151.24 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

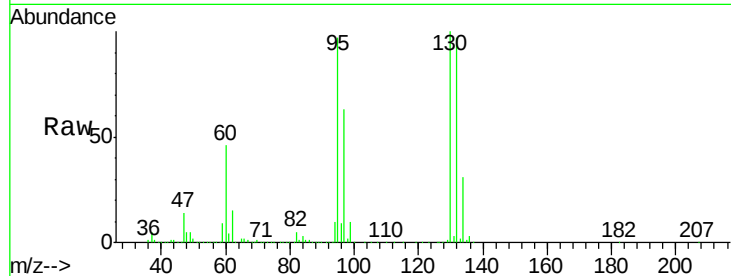
VSTDIC150

Tgt Ion:130 Resp: 676186

Ion Ratio Lower Upper

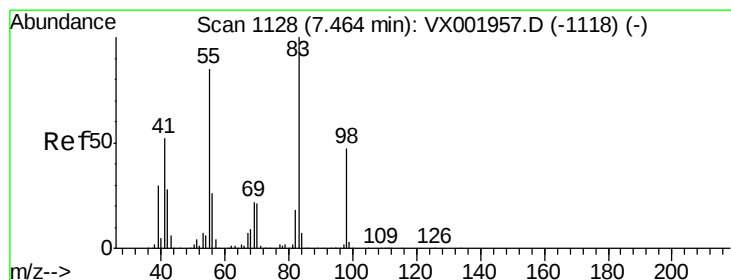
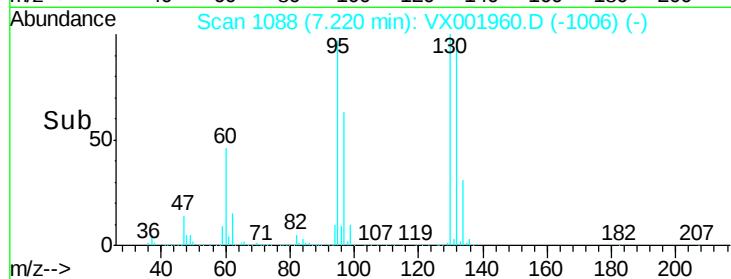
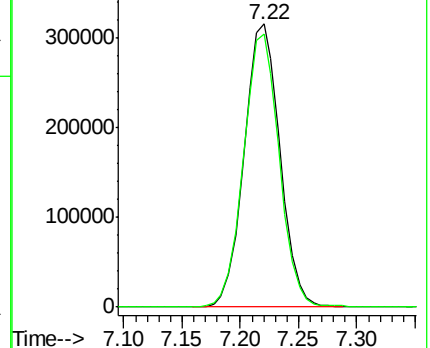
130 100

95 96.7 81.5 122.3



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 173.75 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

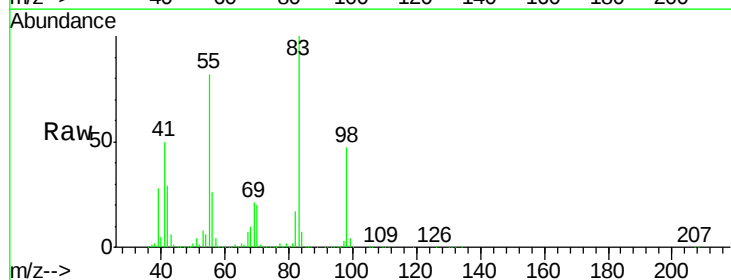
Tgt Ion: 83 Resp: 914090

Ion Ratio Lower Upper

83 100

55 81.4 40.6 121.8

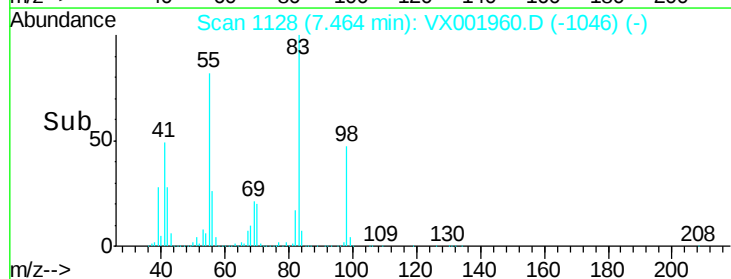
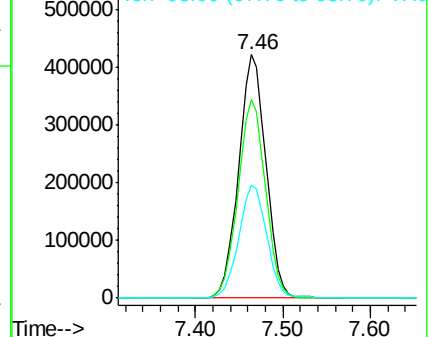
98 47.4 23.5 70.5

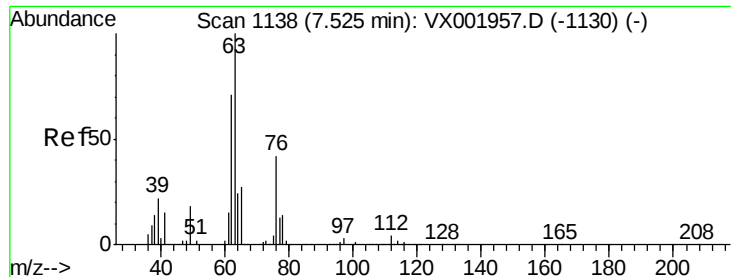


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

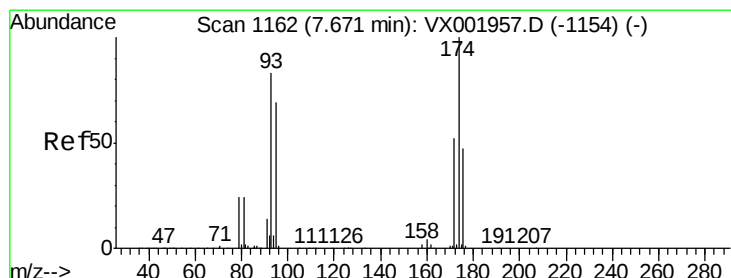
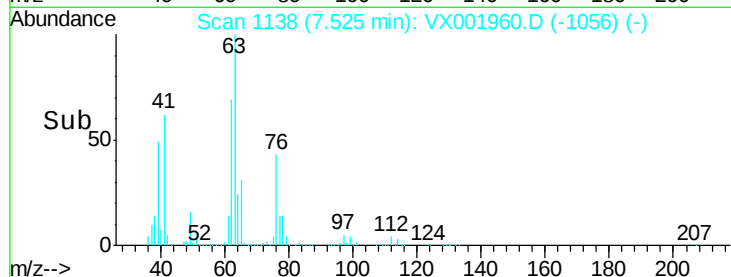
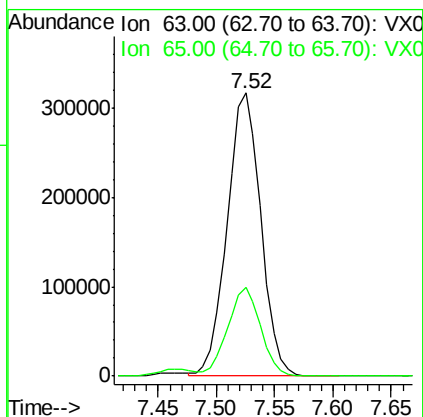
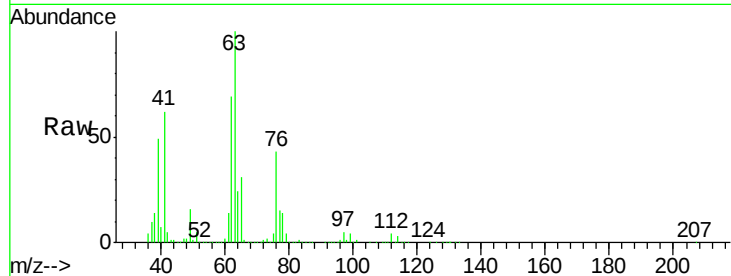




#39
 1,2-Dichloropropane
 Concen: 162.73 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

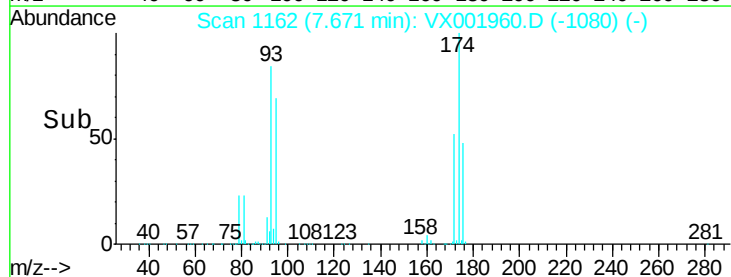
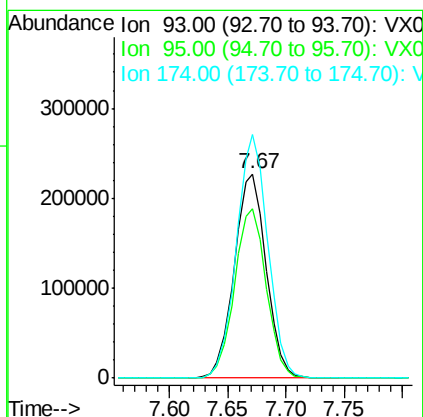
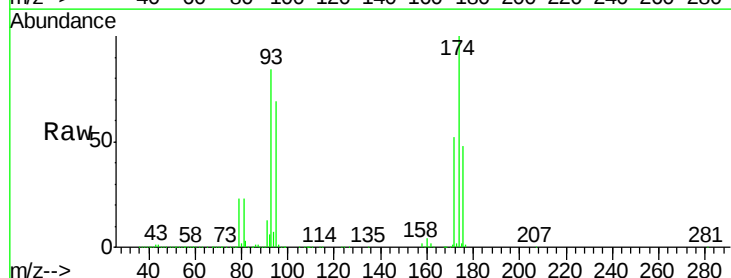
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

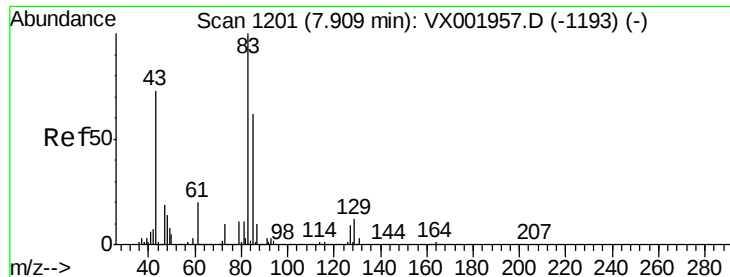
Tgt Ion: 63 Resp: 635418
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.3 34.9



#40
 Dibromomethane
 Concen: 157.40 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Tgt Ion: 93 Resp: 433435
 Ion Ratio Lower Upper
 93 100
 95 82.6 0.0 162.6
 174 117.4 0.0 229.4





#41

Bromodichloromethane

Concen: 169.83 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

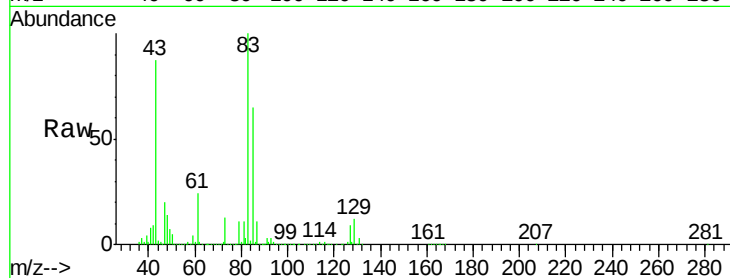
Tgt Ion: 83 Resp: 901894

Ion Ratio Lower Upper

83 100

85 65.0 49.8 74.8

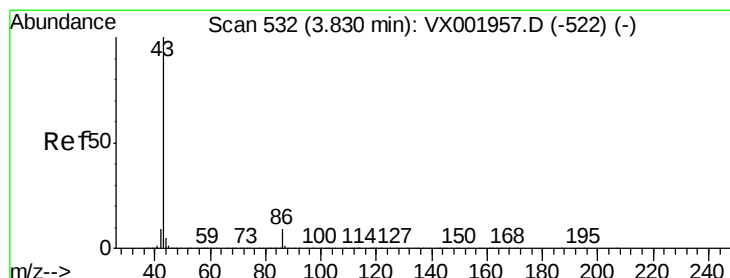
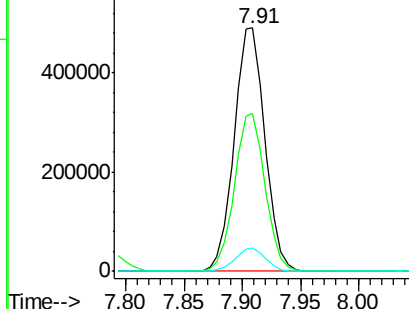
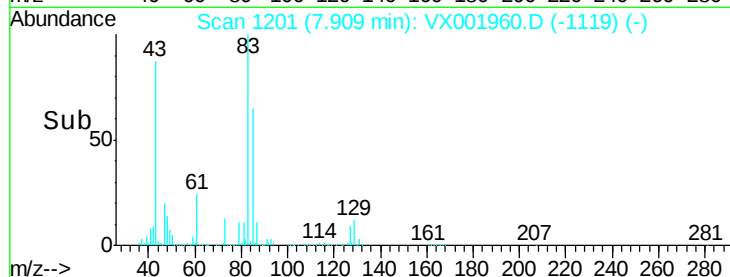
127 9.4 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 787.08 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001960.D

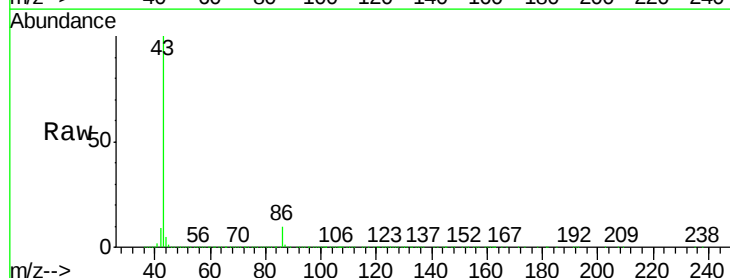
Acq: 25 May 2018 00:19

Tgt Ion: 43 Resp: 8388572

Ion Ratio Lower Upper

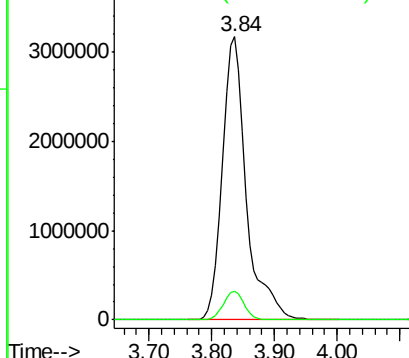
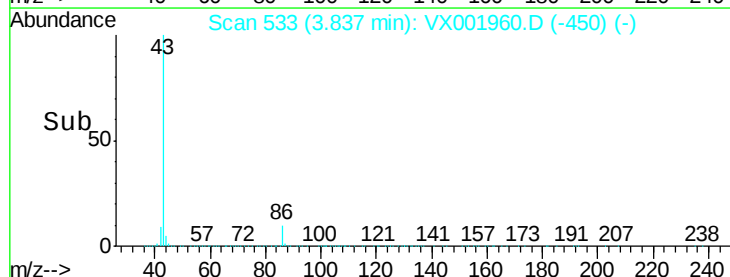
43 100

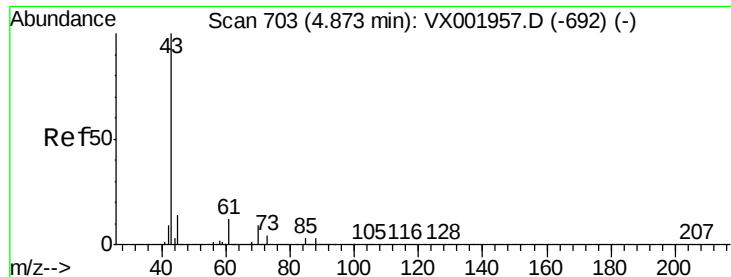
86 8.9 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 170.74 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

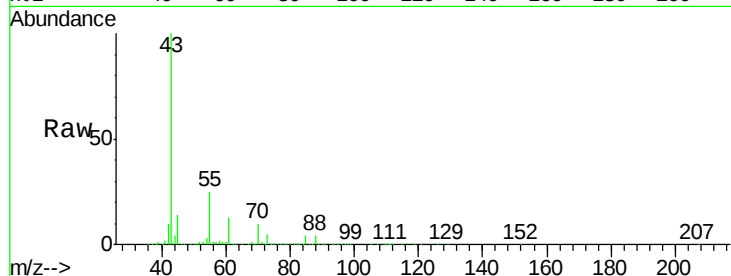
VSTDIC150

Tgt Ion: 43 Resp: 1063495

Ion Ratio Lower Upper

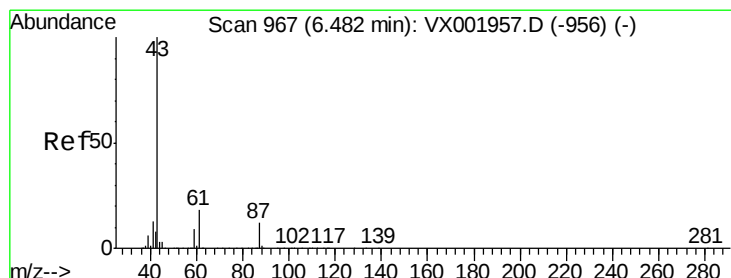
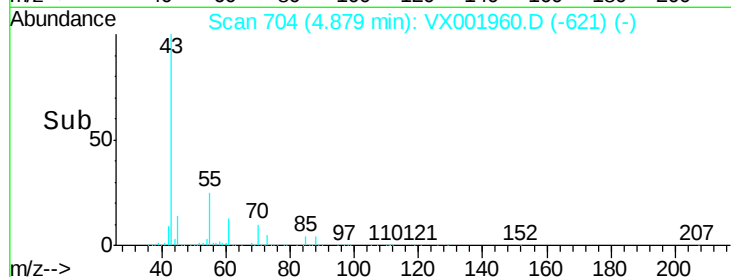
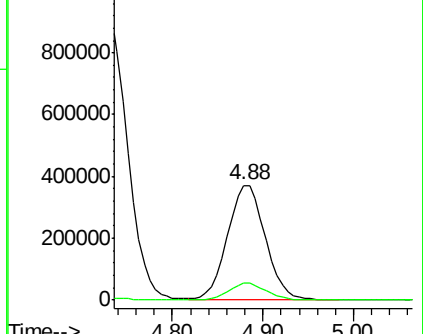
43 100

45 15.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 184.58 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX001960.D

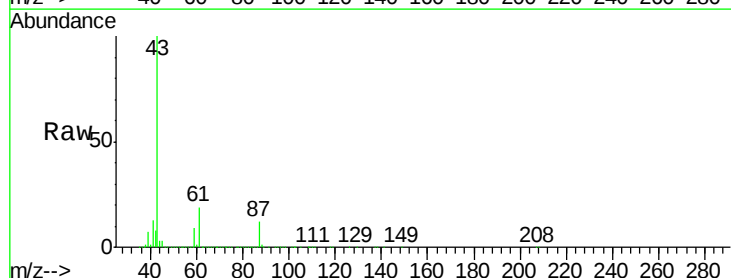
Acq: 25 May 2018 00:19

Tgt Ion: 43 Resp: 1803114

Ion Ratio Lower Upper

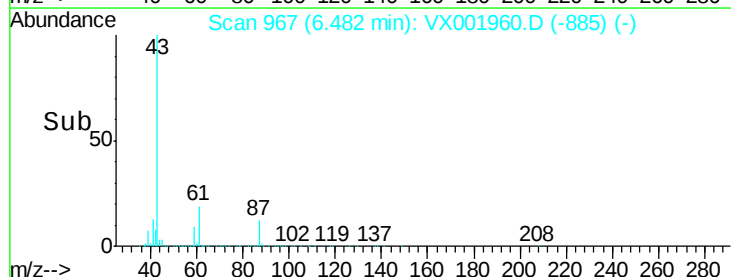
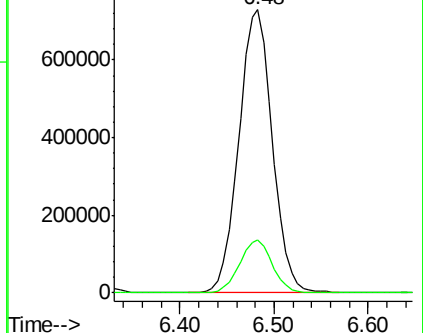
43 100

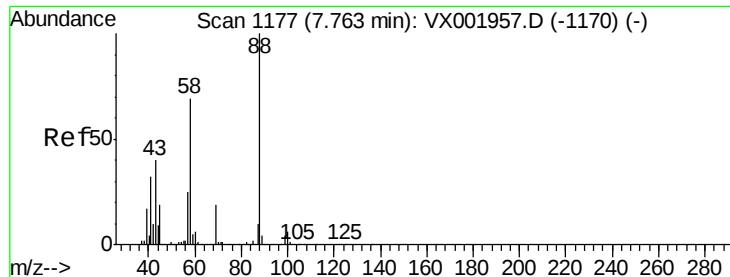
61 18.4 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 3179.36 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

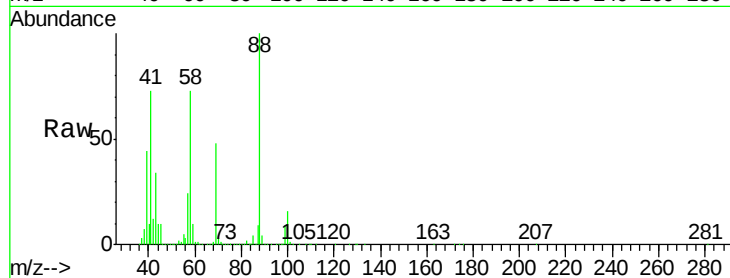
Tgt Ion: 88 Resp: 345815

Ion Ratio Lower Upper

88 100

43 38.4 43.2 64.8#

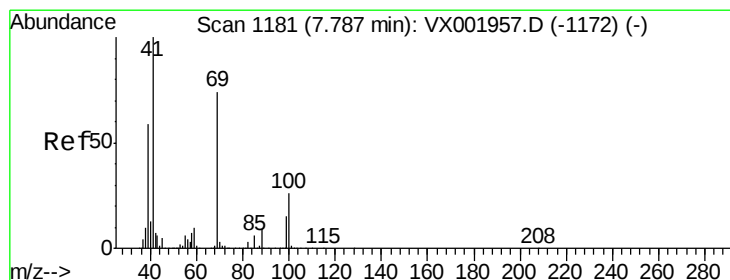
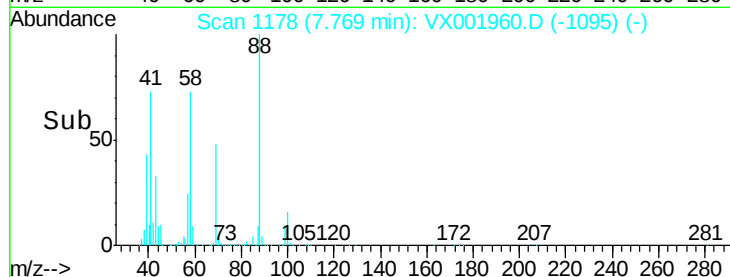
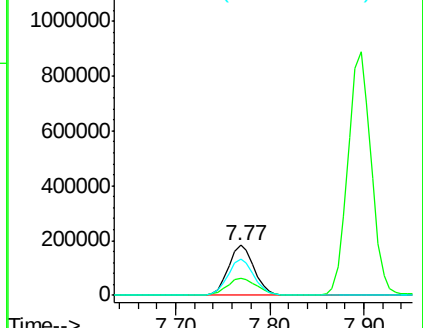
58 73.0 60.2 90.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 176.46 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

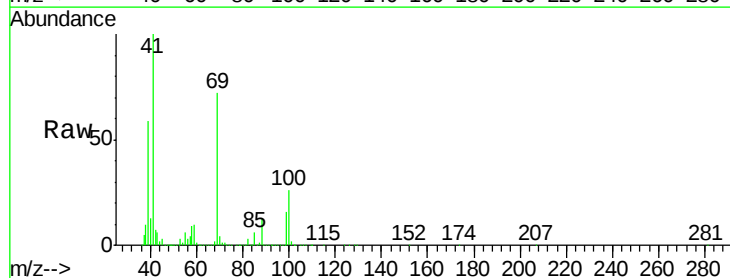
Tgt Ion: 41 Resp: 913364

Ion Ratio Lower Upper

41 100

69 71.6 37.0 110.9

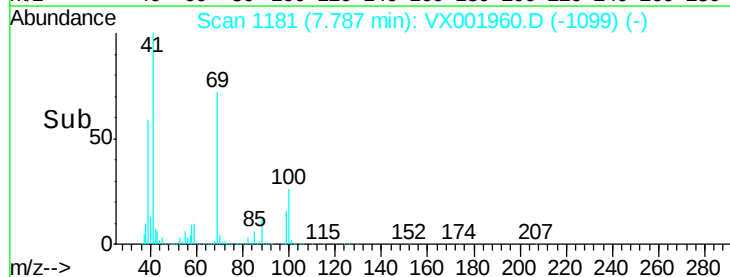
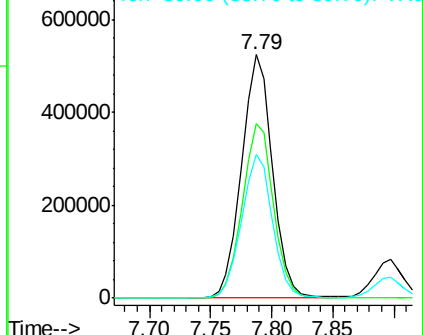
39 59.0 29.6 88.9

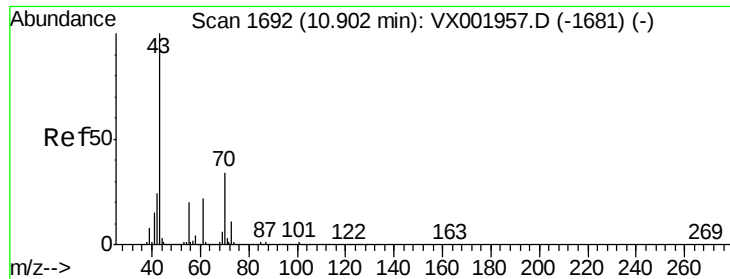


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyl Acetate

Concen: 199.59 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

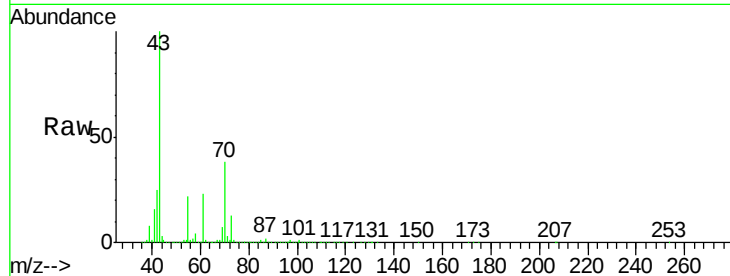
VSTDIC150

Tgt Ion: 43 Resp: 1708871

Ion Ratio Lower Upper

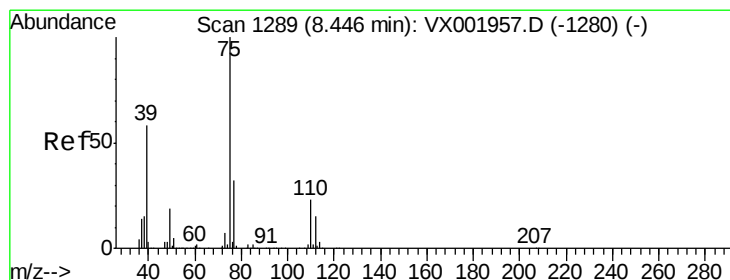
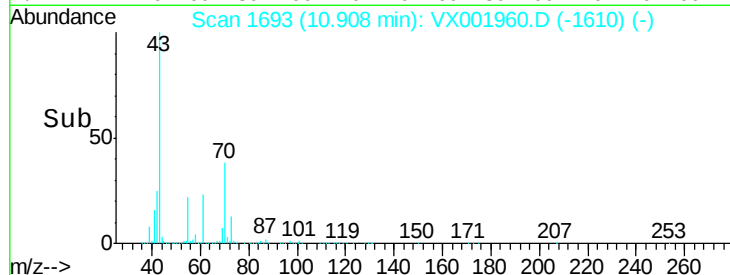
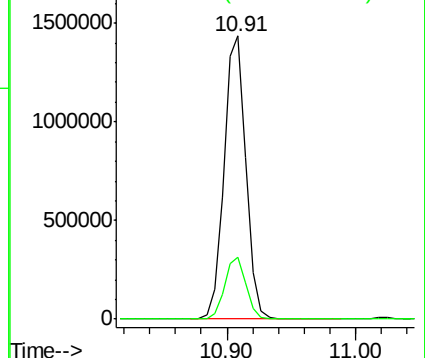
43 100

55 21.4 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 173.14 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001960.D

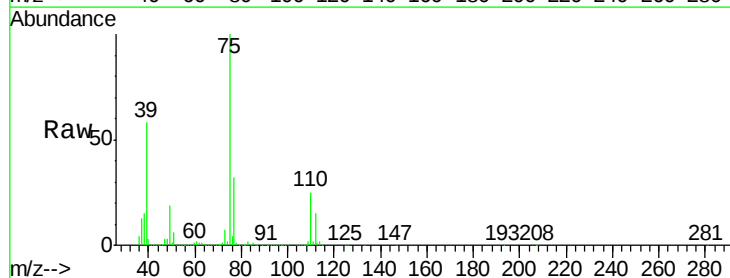
Acq: 25 May 2018 00:19

Tgt Ion: 75 Resp: 1020840

Ion Ratio Lower Upper

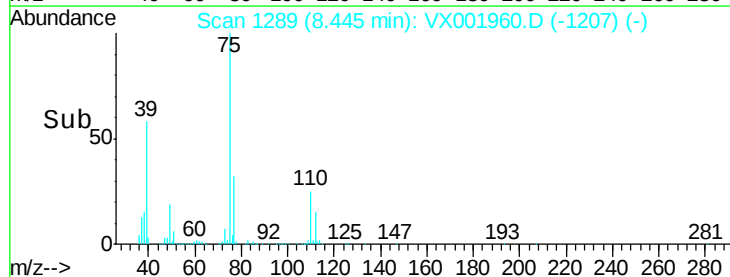
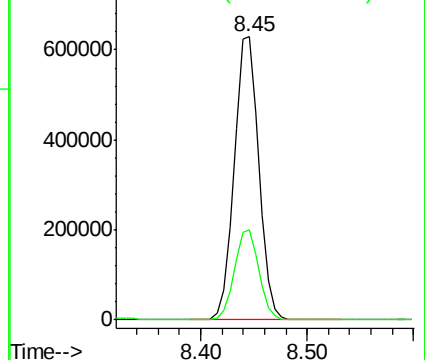
75 100

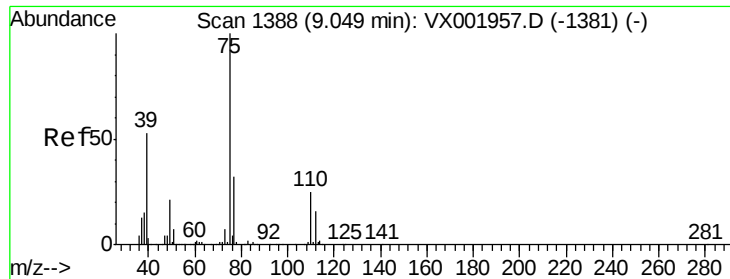
77 31.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



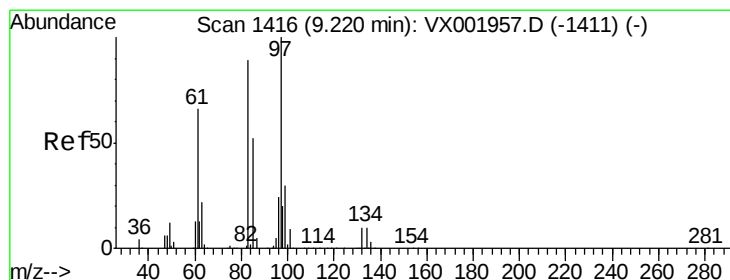
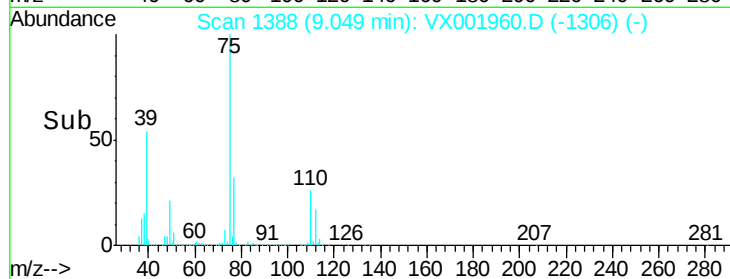
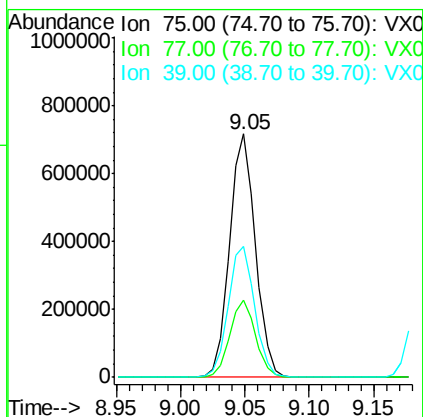
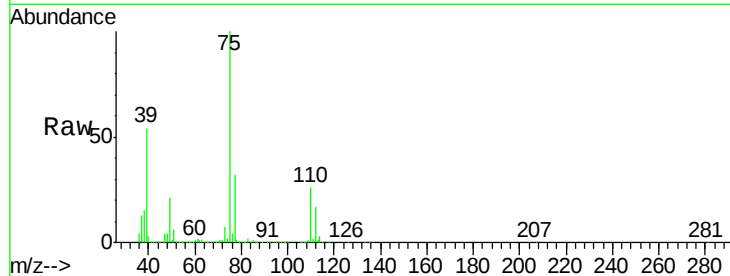


#49

cis-1,3-Dichloropropene
Concen: 189.35 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

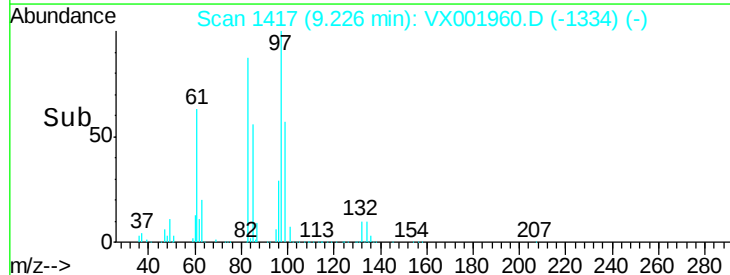
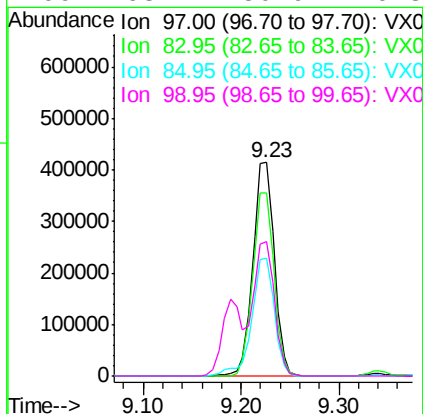
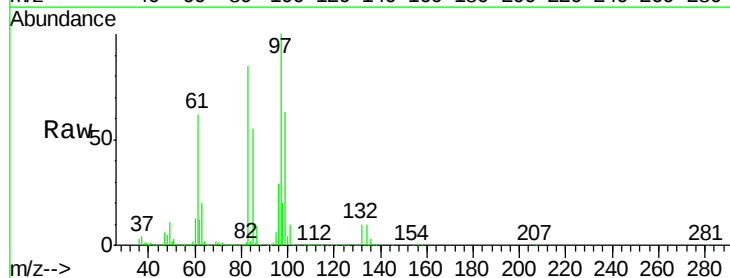
Tgt Ion: 75 Resp: 1008010
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
39 53.9 42.3 63.5

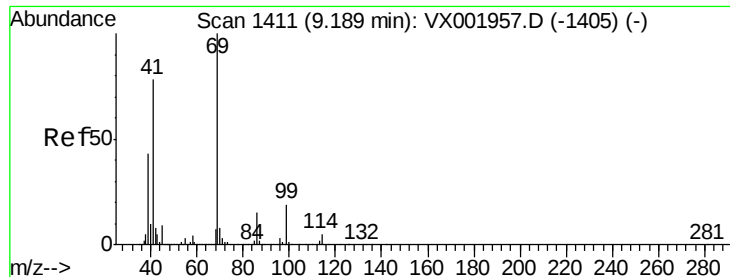


#50

1,1,2-Trichloroethane
Concen: 157.41 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.01 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

Tgt Ion: 97 Resp: 632256
Ion Ratio Lower Upper
97 100
83 85.4 70.8 106.2
85 55.4 43.5 65.3
99 63.2 50.9 76.3





#51

Ethyl methacrylate

Concen: 179.63 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

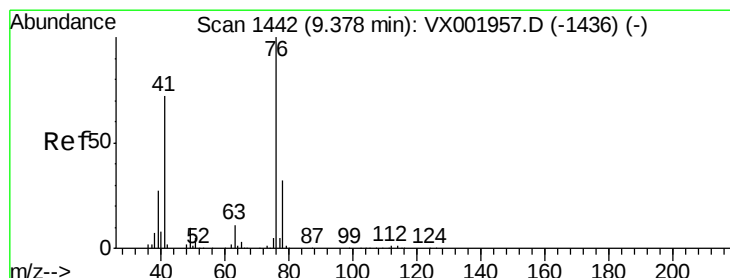
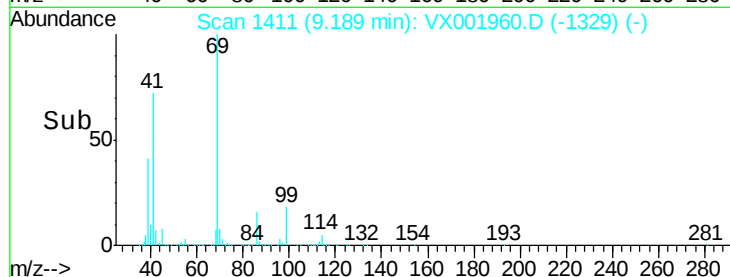
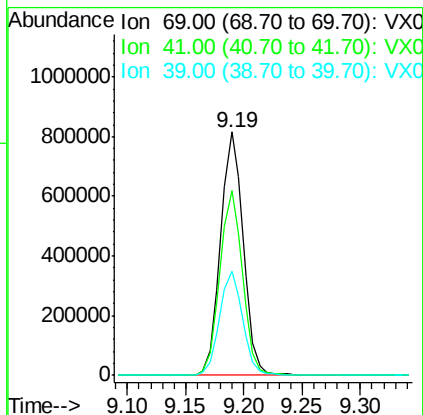
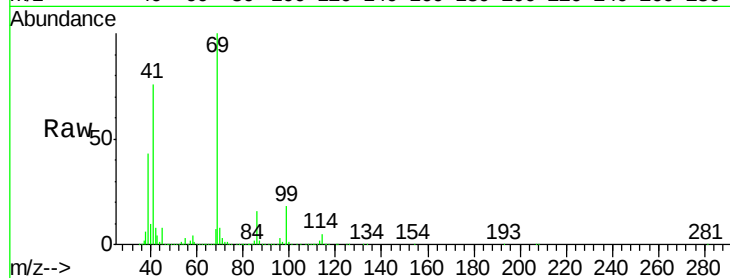
Tgt Ion: 69 Resp: 1099749

Ion Ratio Lower Upper

69 100

41 75.7 39.1 117.3

39 42.9 21.7 65.1



#52

1,3-Dichloropropane

Concen: 157.19 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001960.D

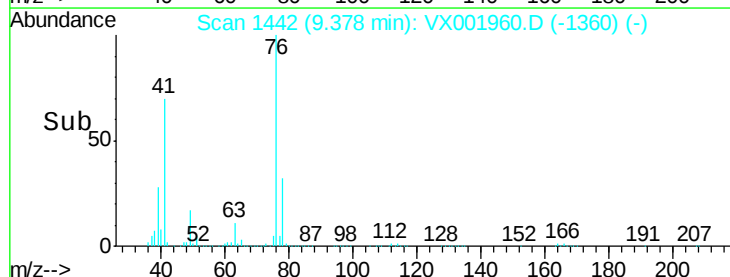
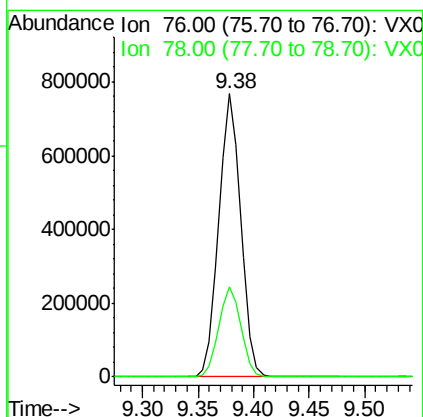
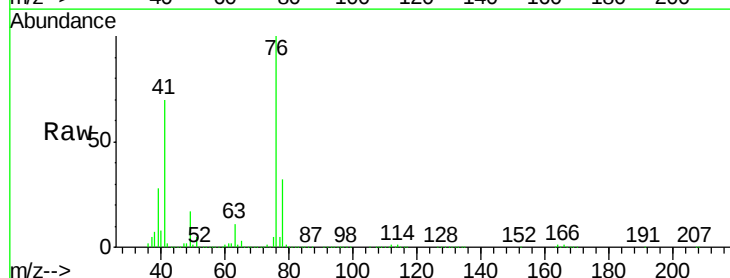
Acq: 25 May 2018 00:19

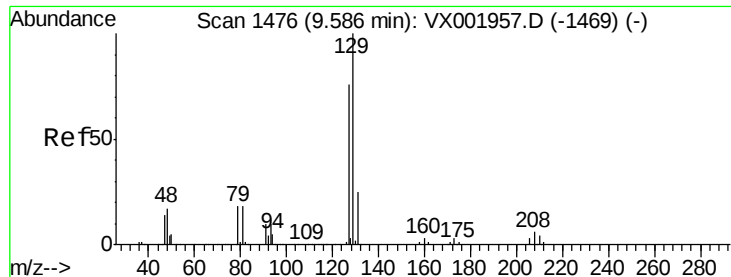
Tgt Ion: 76 Resp: 1051630

Ion Ratio Lower Upper

76 100

78 32.1 0.0 63.4





#53

Dibromochloromethane

Concen: 180.56 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

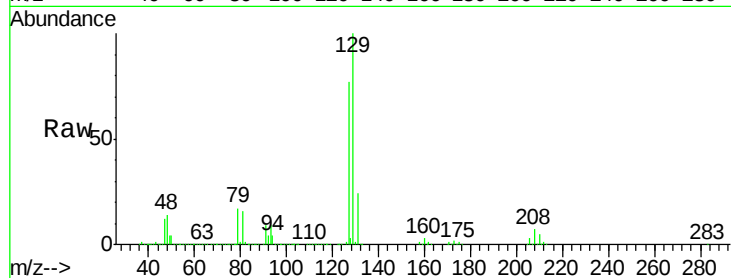
VSTDIC150

Tgt Ion:129 Resp: 787335

Ion Ratio Lower Upper

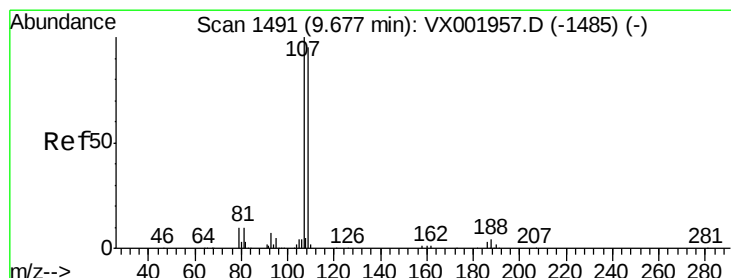
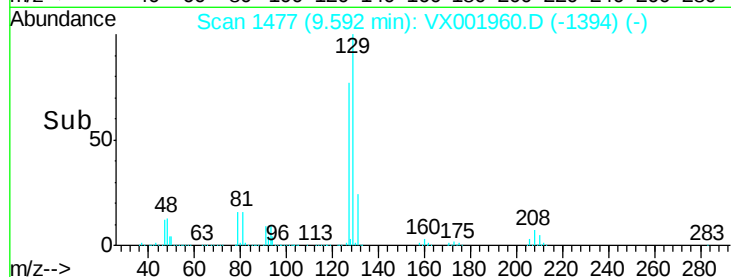
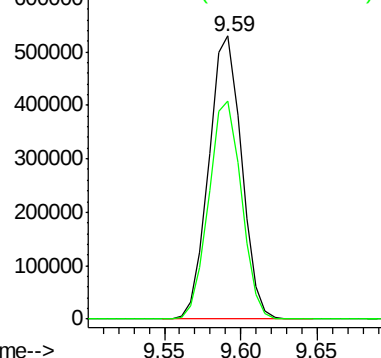
129 100

127 77.2 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 160.51 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001960.D

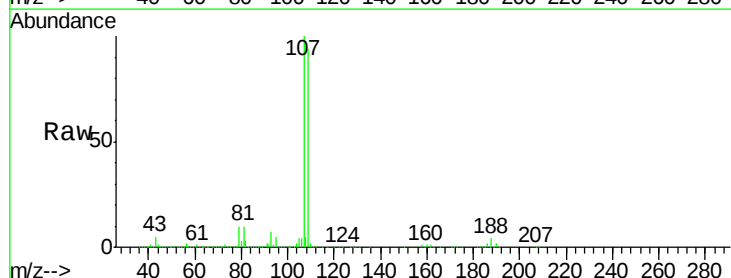
Acq: 25 May 2018 00:19

Tgt Ion:107 Resp: 684426

Ion Ratio Lower Upper

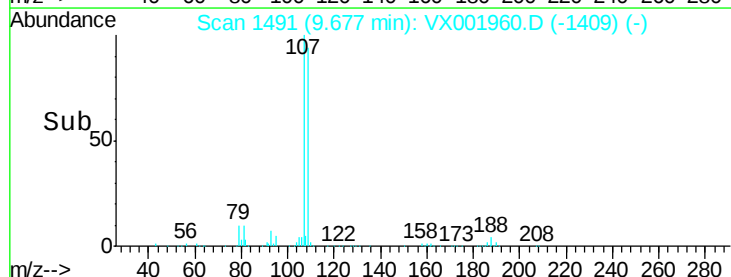
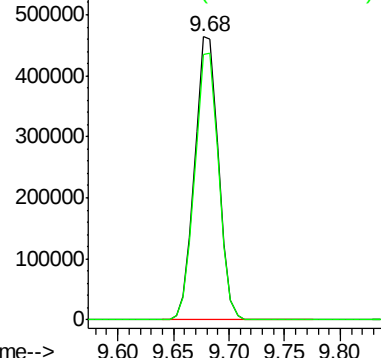
107 100

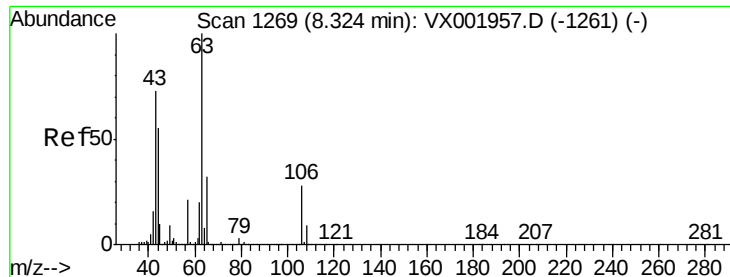
109 94.8 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



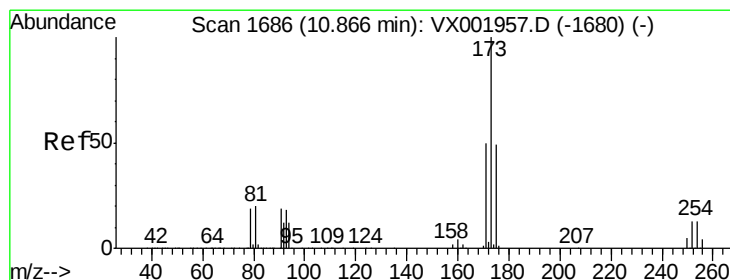
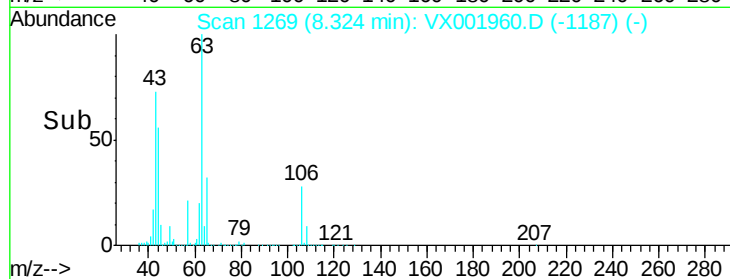
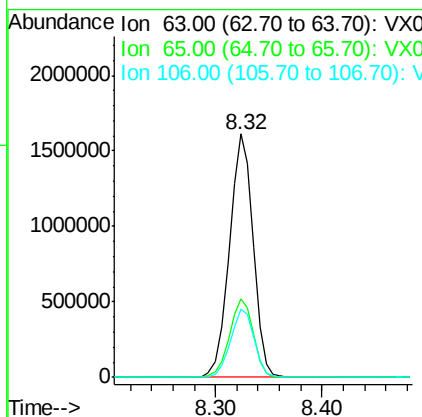
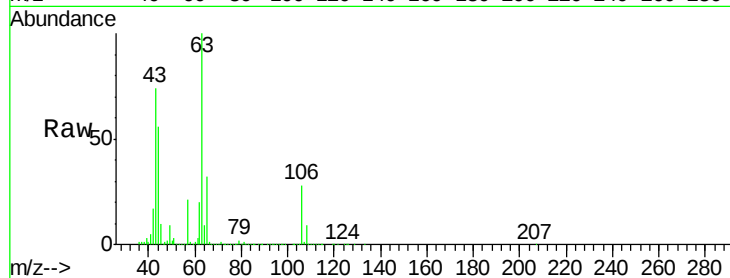


#55
 2-Chloroethyl vinyl ether
 Concen: 790.65 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 2512622

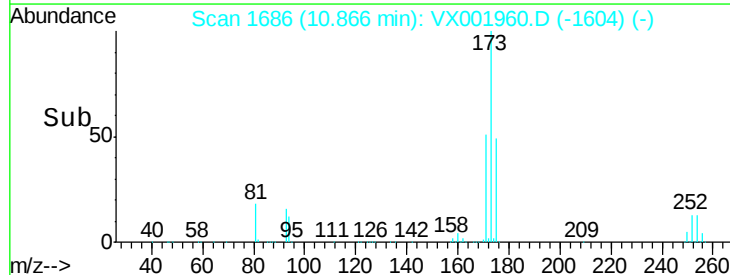
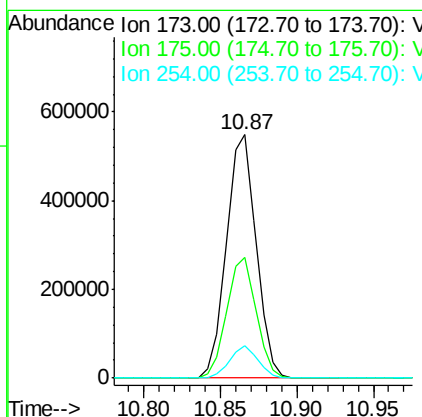
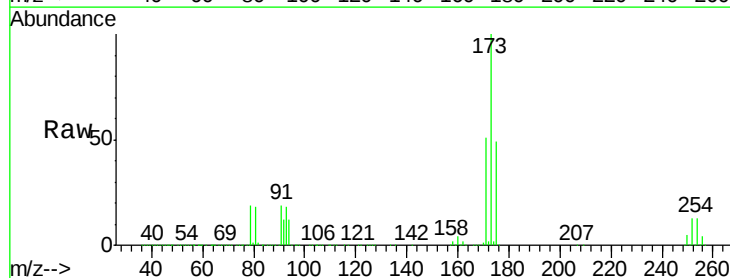
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.6	38.4
106	28.1	21.6	32.4

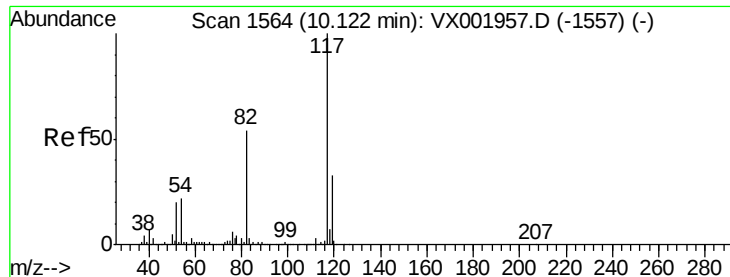


#56
 Bromoform
 Concen: 203.05 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Tgt Ion: 173 Resp: 738050

Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.0	58.4
254	12.6	9.6	14.4

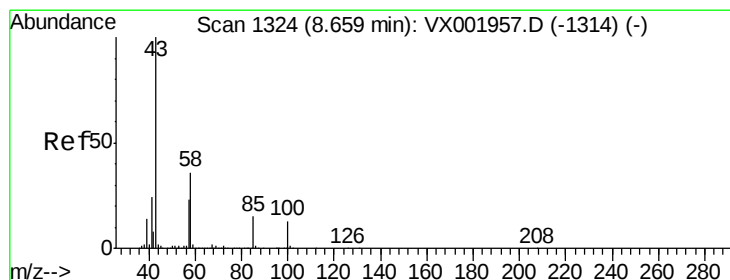
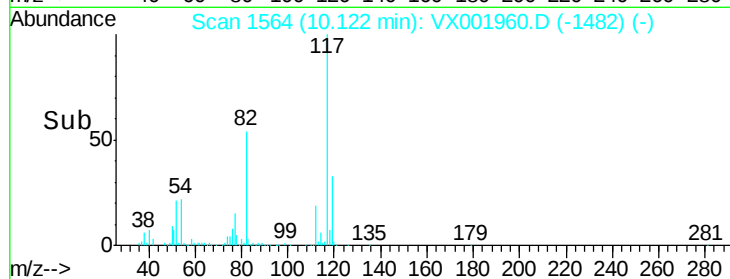
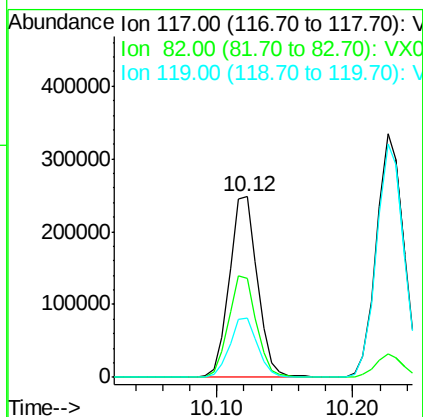
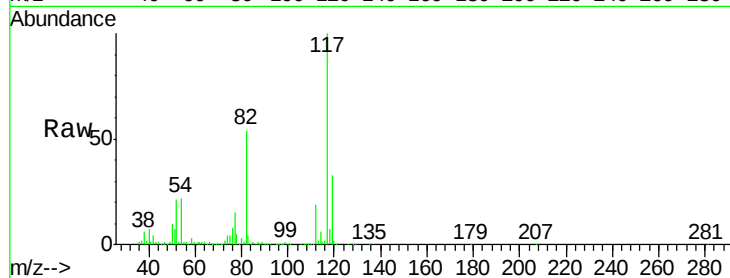




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

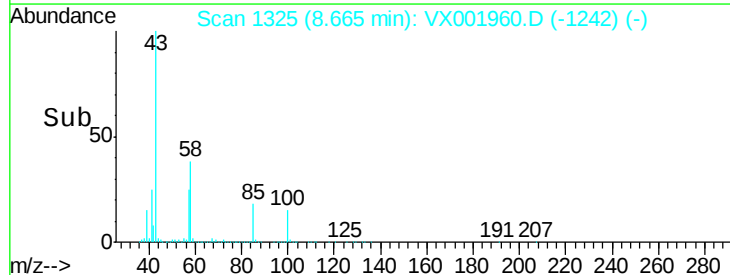
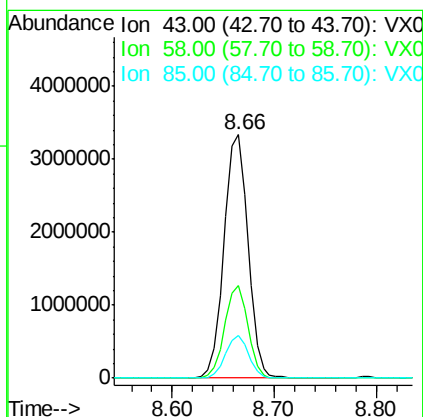
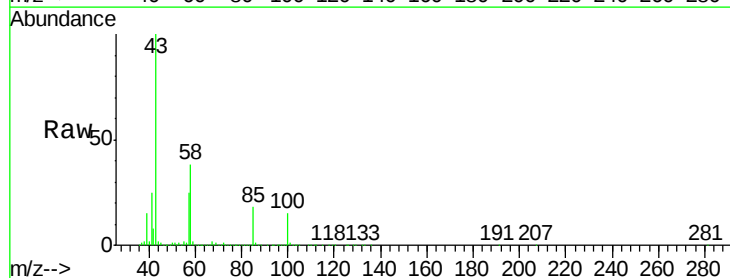
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

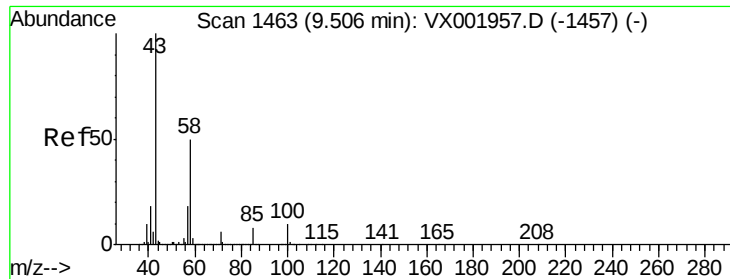
Tgt Ion: 117 Resp: 356673
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.4 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 825.09 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

Tgt Ion: 43 Resp: 5439981
Ion Ratio Lower Upper
43 100
58 37.0 28.2 42.4
85 16.9 12.4 18.6

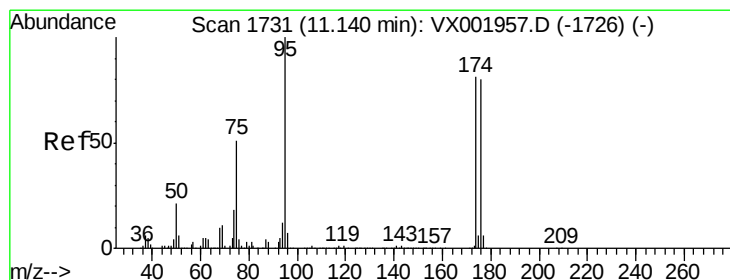
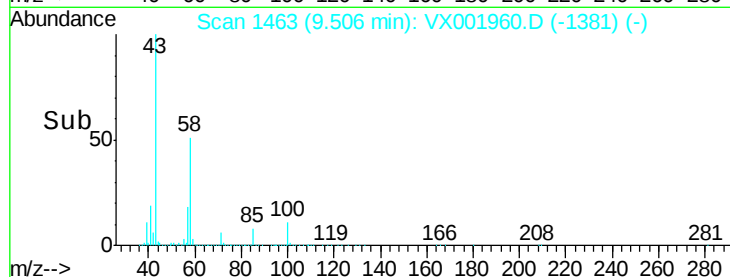
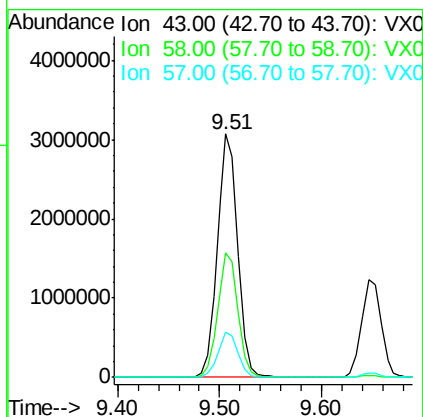
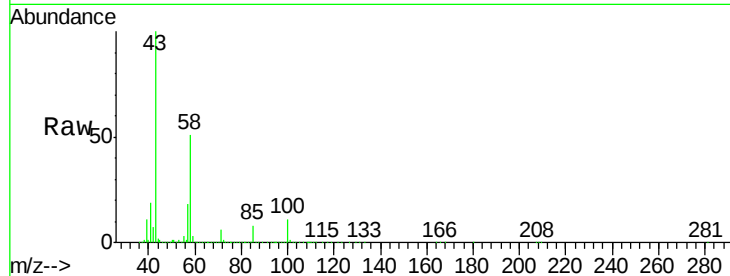




#59
2-Hexanone
Concen: 864.81 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

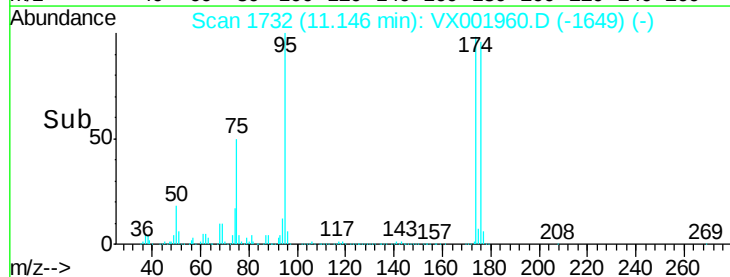
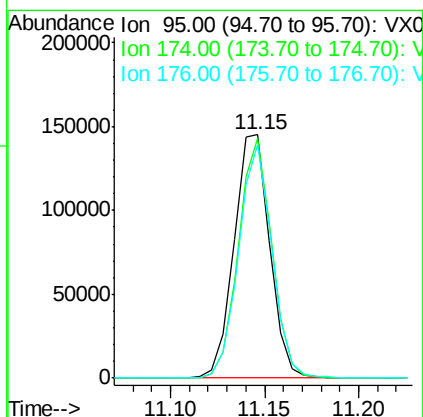
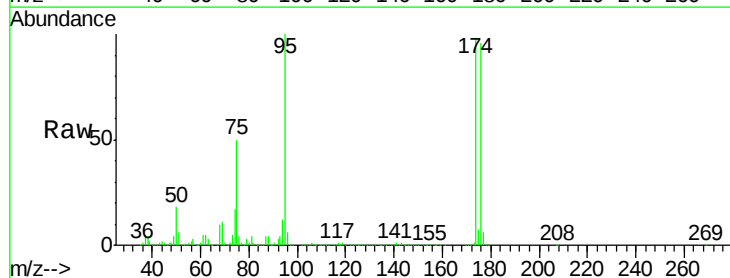
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

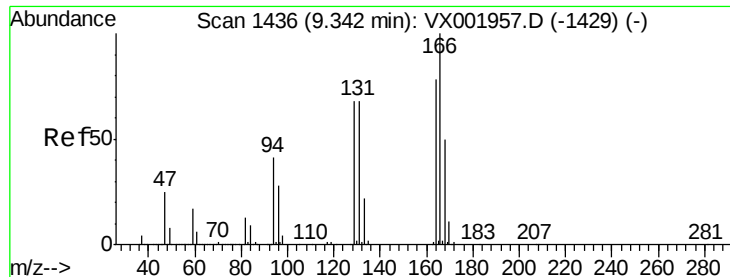
Tgt Ion: 43 Resp: 4296542
Ion Ratio Lower Upper
43 100
58 50.7 39.6 59.4
57 18.4 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 33.40 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

Tgt Ion: 95 Resp: 190660
Ion Ratio Lower Upper
95 100
174 92.3 71.8 107.6
176 89.5 70.1 105.1





#61

Tetrachloroethene

Concen: 149.92 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 769440

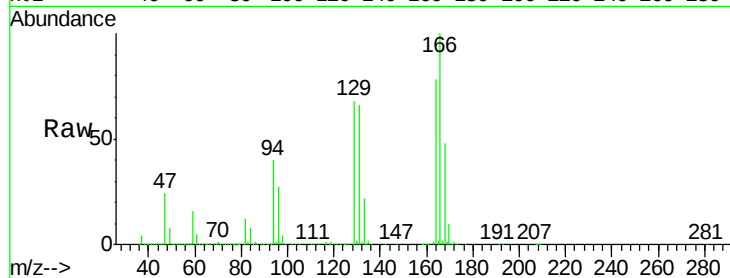
Ion Ratio Lower Upper

164 100

166 128.8 102.4 153.6

129 87.2 70.1 105.1

131 85.0 69.1 103.7

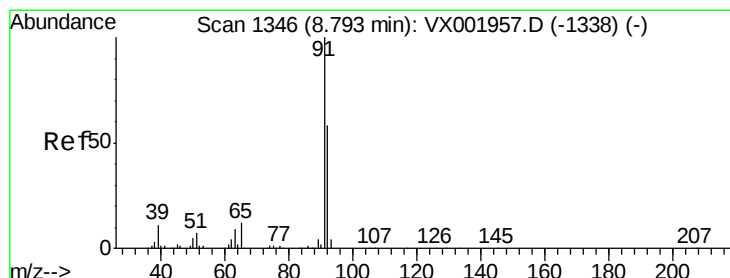
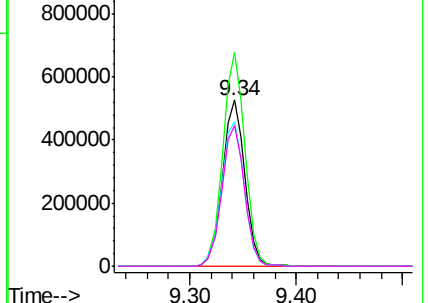
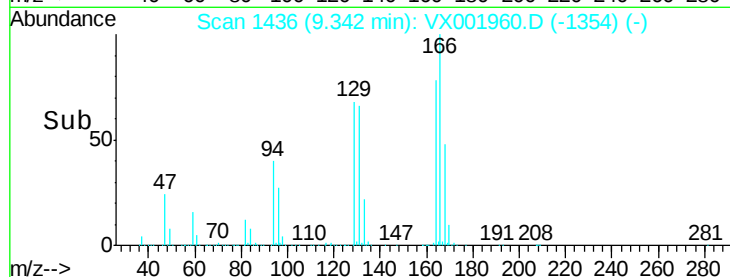


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 155.37 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001960.D

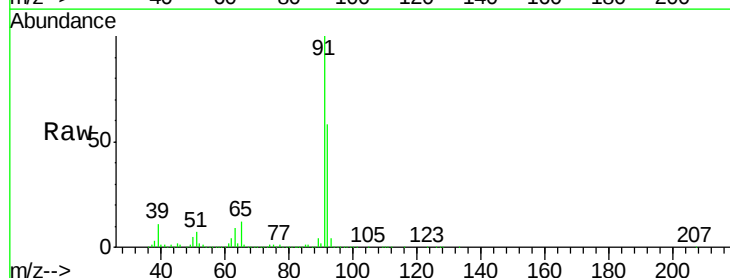
Acq: 25 May 2018 00:19

Tgt Ion: 91 Resp: 2643523

Ion Ratio Lower Upper

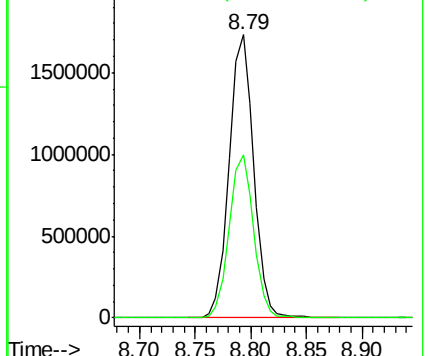
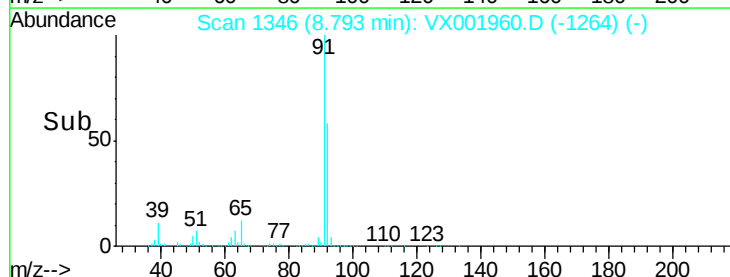
91 100

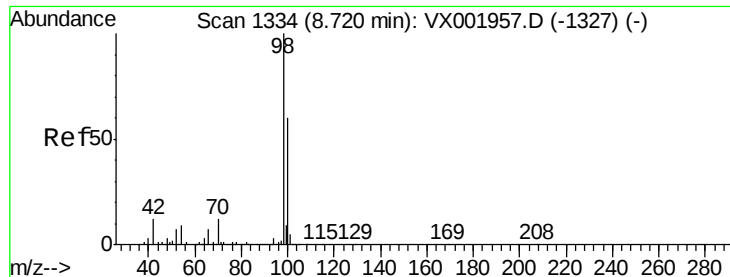
92 57.8 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.62 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampled :

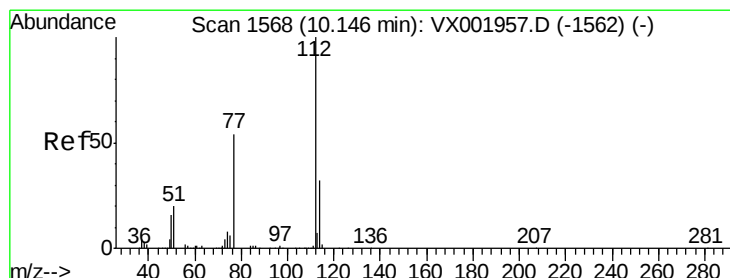
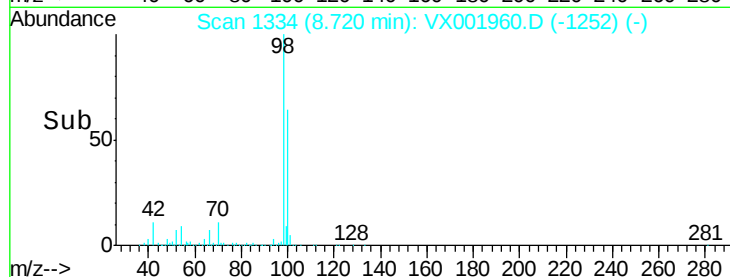
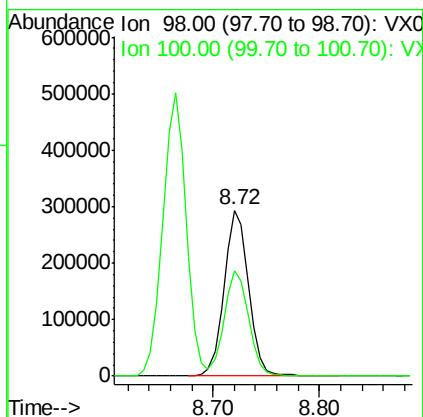
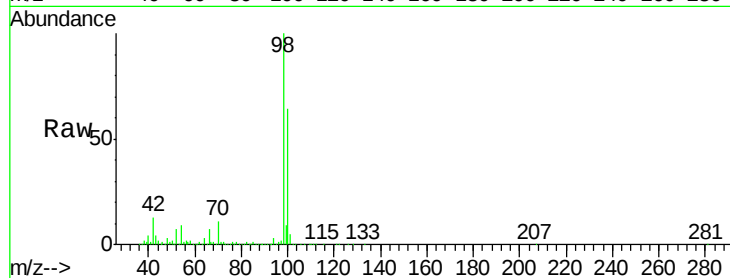
VSTDIC150

Tgt Ion: 98 Resp: 470118

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2



#64

Chlorobenzene

Concen: 158.47 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001960.D

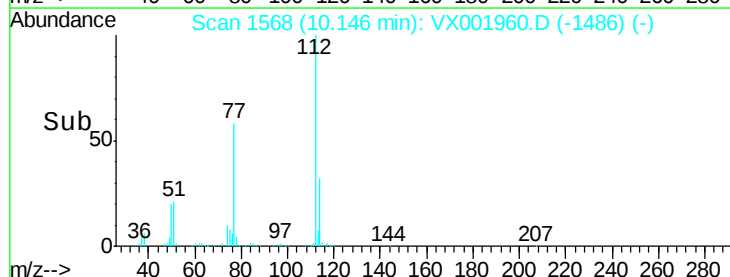
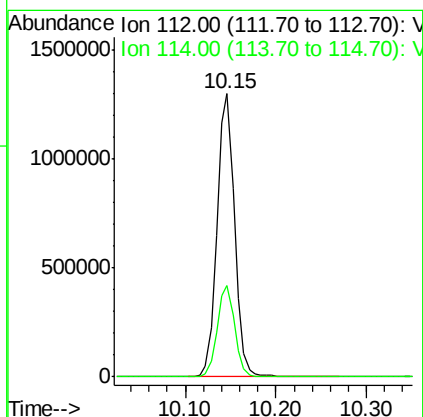
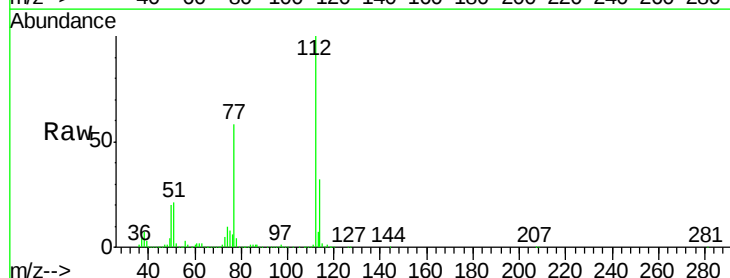
Acq: 25 May 2018 00:19

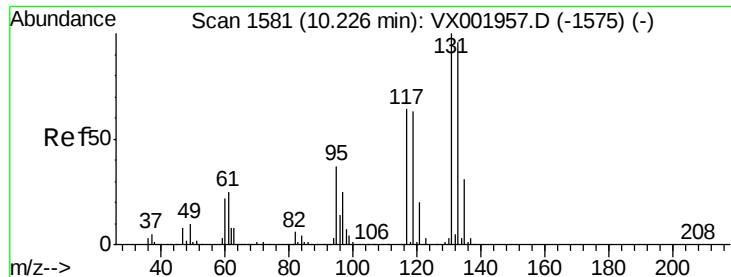
Tgt Ion: 112 Resp: 1758964

Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4

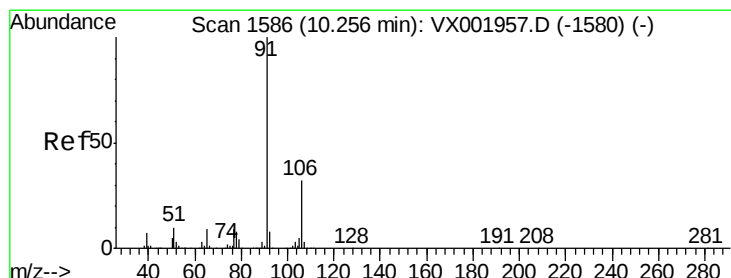
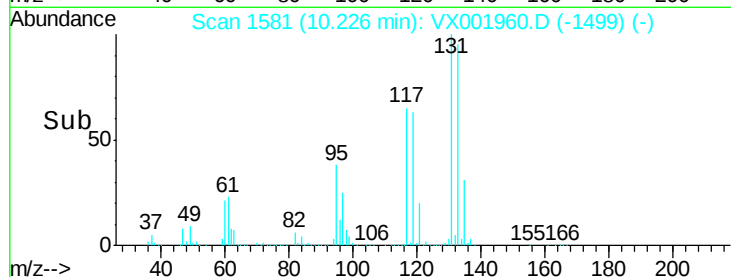
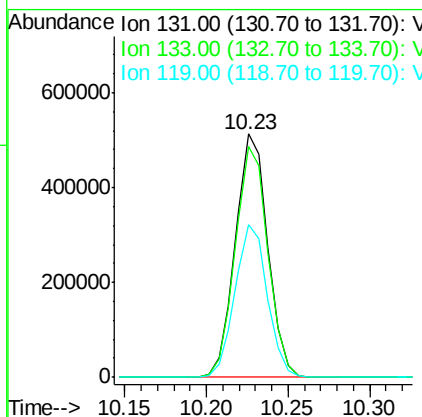
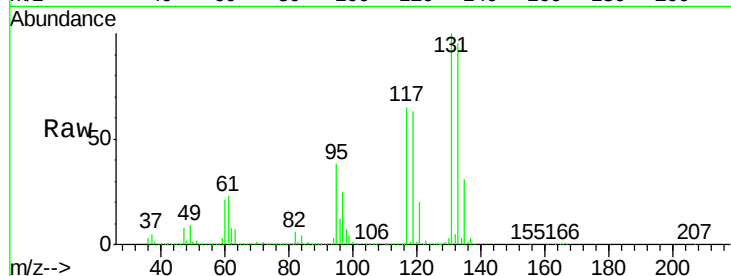




#65
 1,1,1,2-Tetrachloroethane
 Concen: 165.30 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

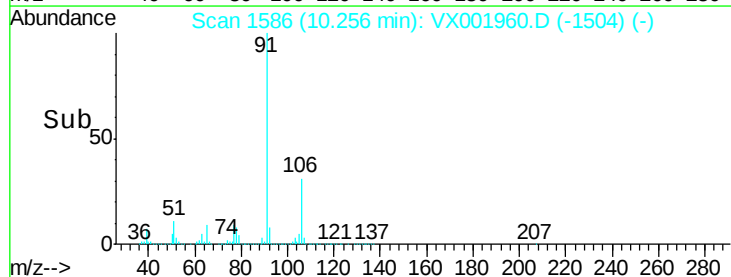
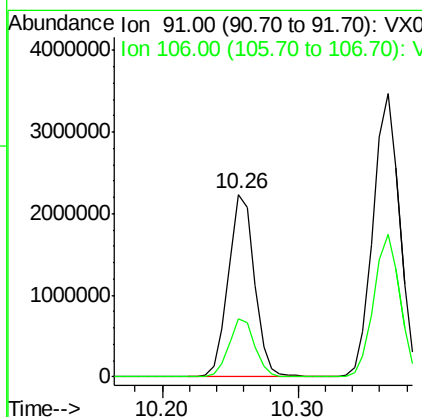
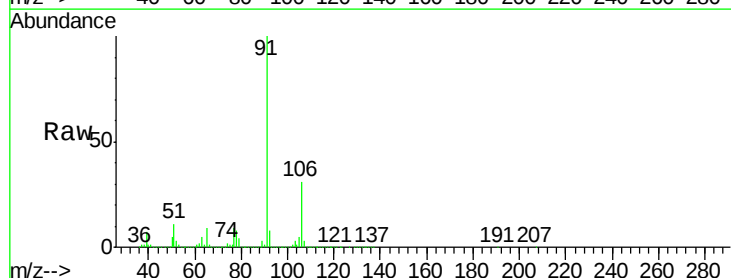
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

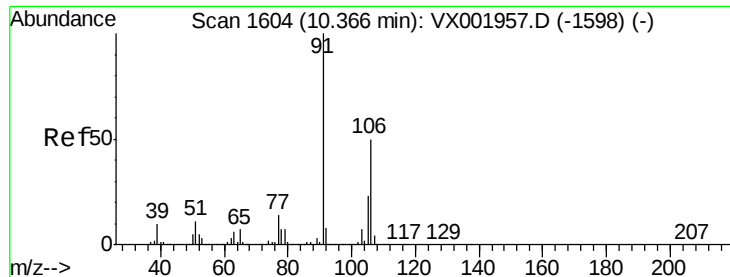
Tgt Ion:131 Resp: 708303
 Ion Ratio Lower Upper
 131 100
 133 95.6 0.0 191.2
 119 62.7 0.0 125.4



#66
 Ethyl Benzene
 Concen: 167.86 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Tgt Ion: 91 Resp: 3010619
 Ion Ratio Lower Upper
 91 100
 106 31.5 25.2 37.8





#67

m/p-Xylenes

Concen: 330.47 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

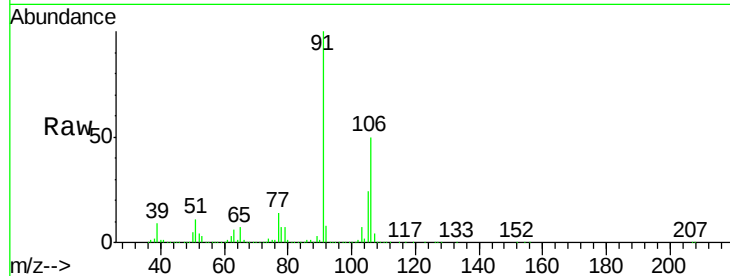
VSTDIC150

Tgt Ion:106 Resp: 2331828

Ion Ratio Lower Upper

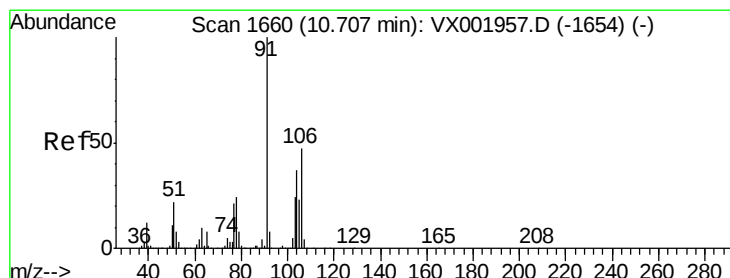
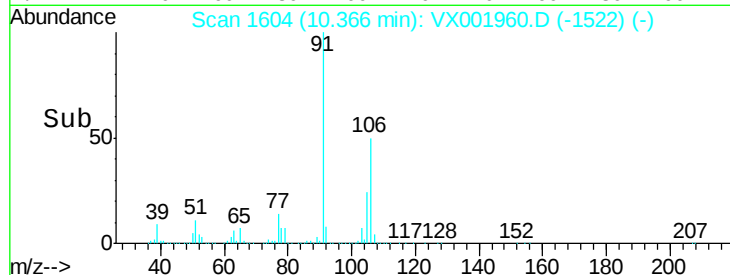
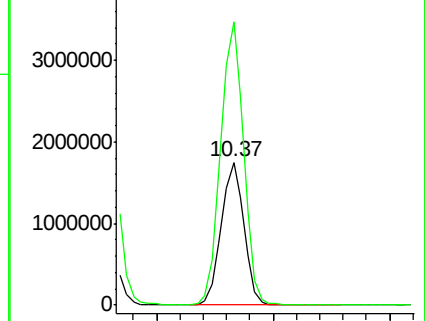
106 100

91 201.8 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 166.44 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX001960.D

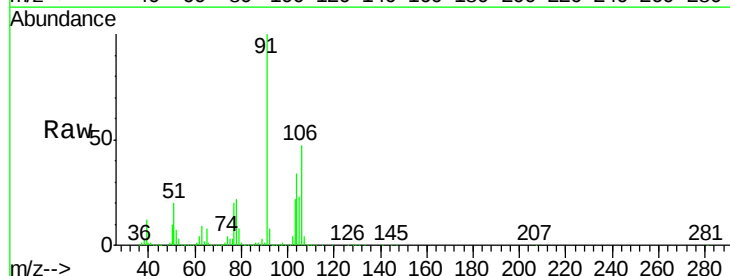
Acq: 25 May 2018 00:19

Tgt Ion:106 Resp: 1170215

Ion Ratio Lower Upper

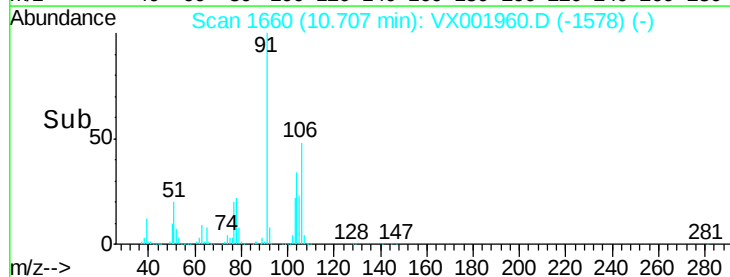
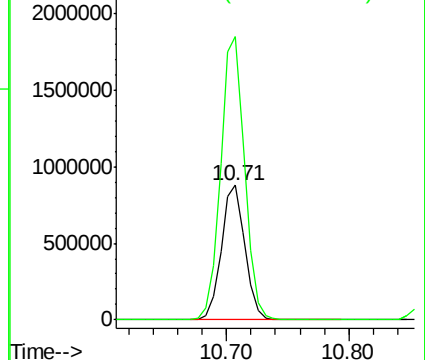
106 100

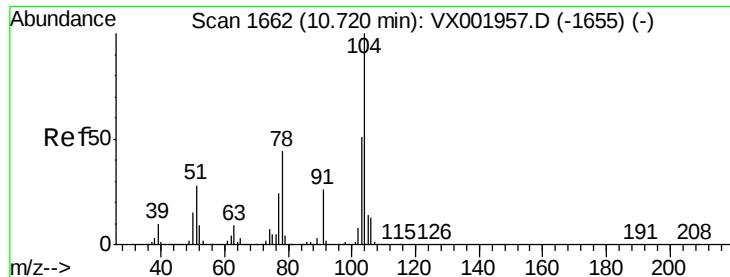
91 214.4 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 173.39 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

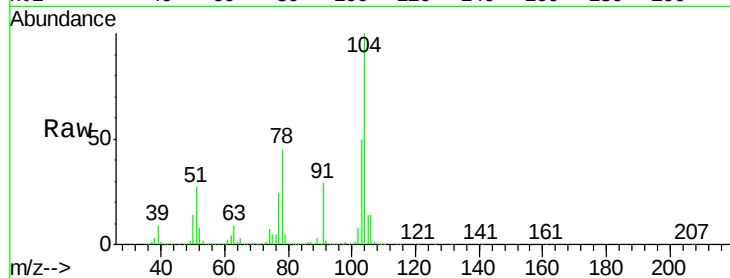
Tgt Ion:104 Resp: 2010307

Ion Ratio Lower Upper

104 100

78 51.3 41.8 62.8

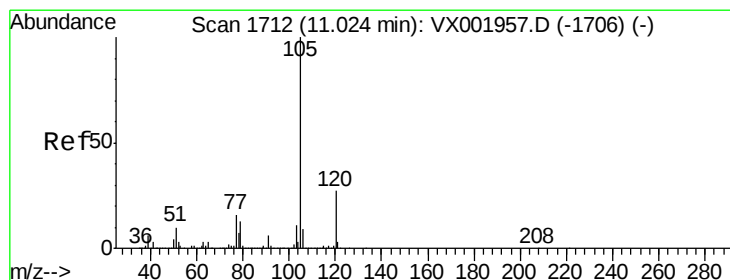
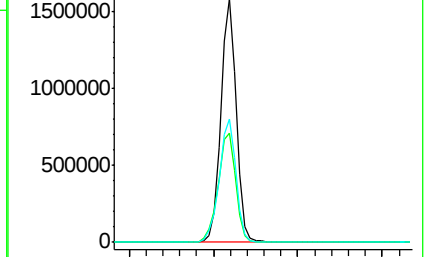
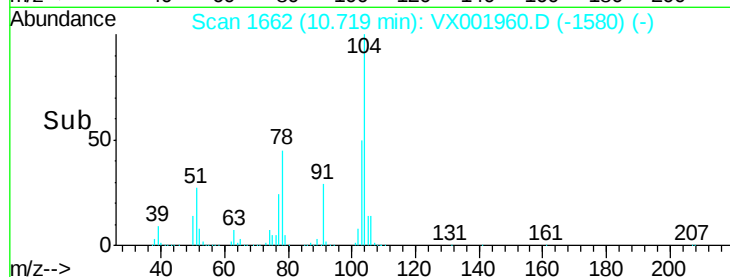
103 55.3 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 171.98 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001960.D

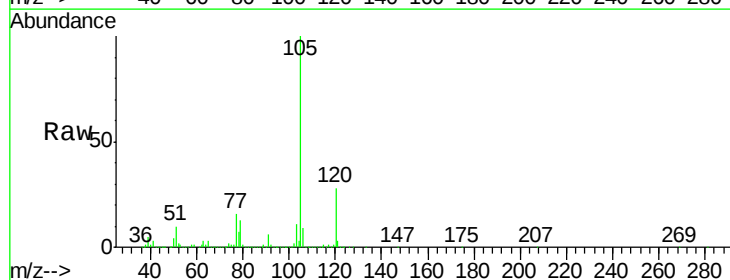
Acq: 25 May 2018 00:19

Tgt Ion:105 Resp: 3124262

Ion Ratio Lower Upper

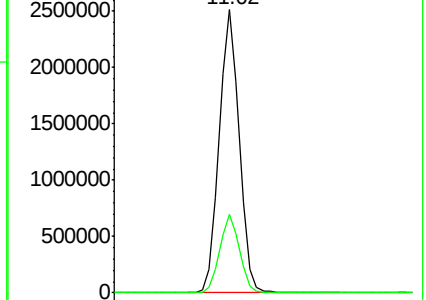
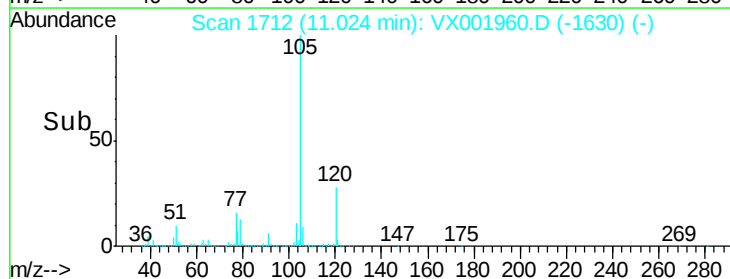
105 100

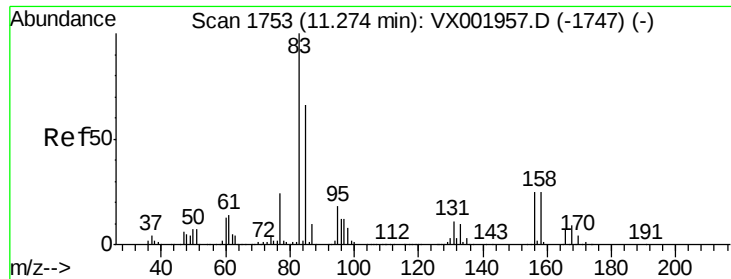
120 27.3 19.0 35.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

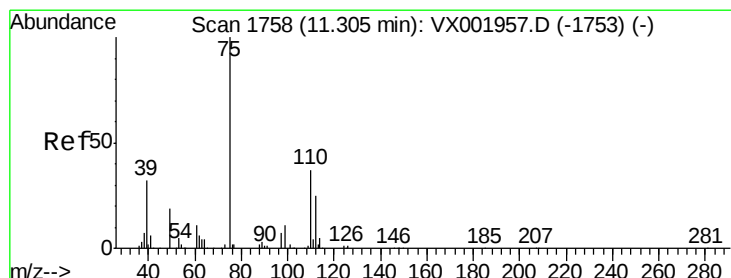
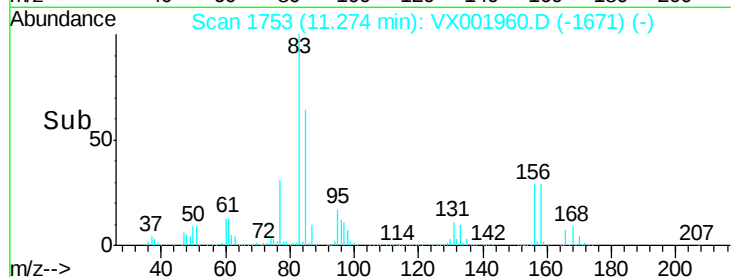
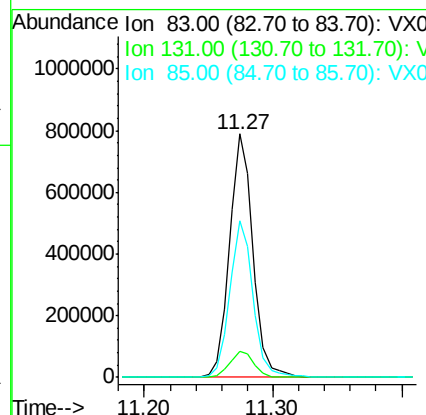
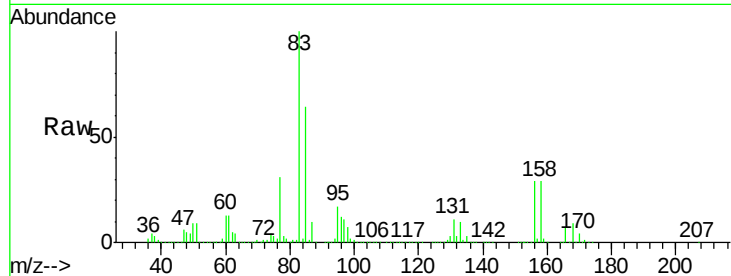




#71
 1,1,2,2-Tetrachloroethane
 Concen: 167.66 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

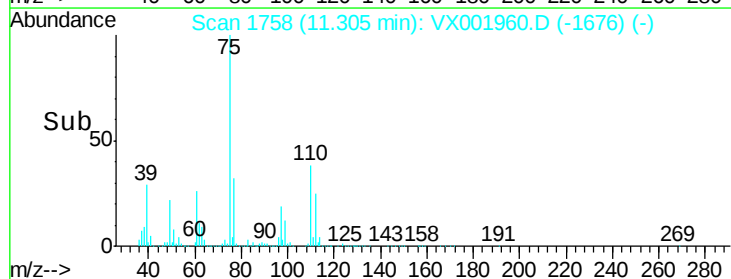
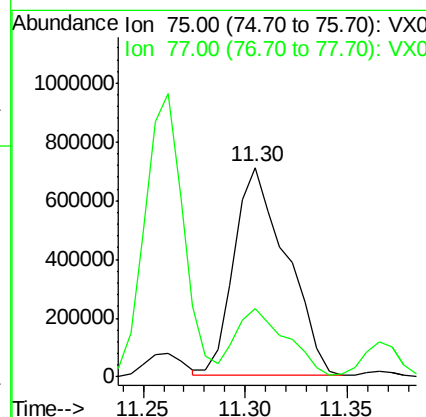
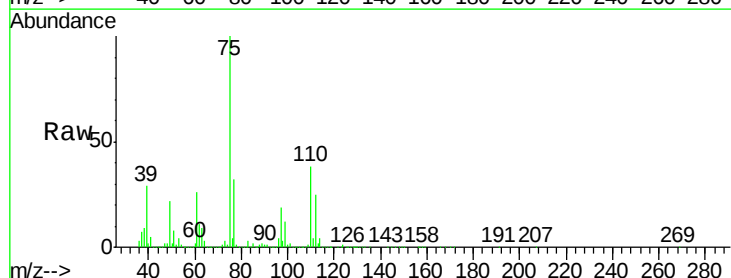
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

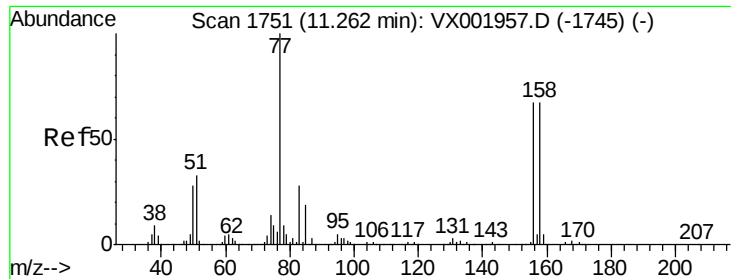
Tgt Ion: 83 Resp: 1009499
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.4 16.2
 85 64.2 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 212.80 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Tgt Ion: 75 Resp: 1264464
 Ion Ratio Lower Upper
 75 100
 77 30.1 0.0 71.8





#73

Bromobenzene

Concen: 162.97 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

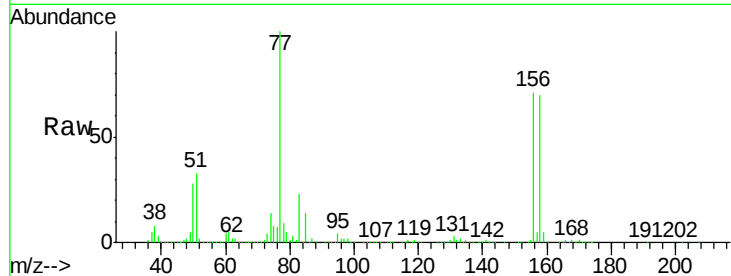
Tgt Ion:156 Resp: 876377

Ion Ratio Lower Upper

156 100

77 144.2 0.0 301.0

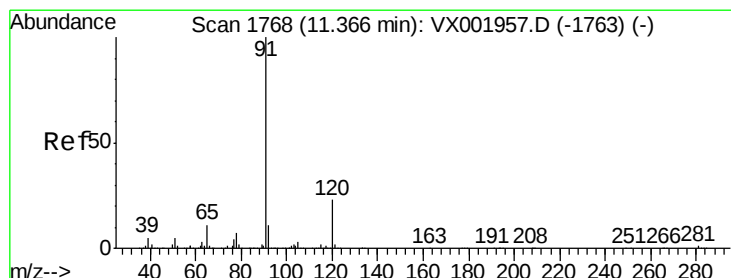
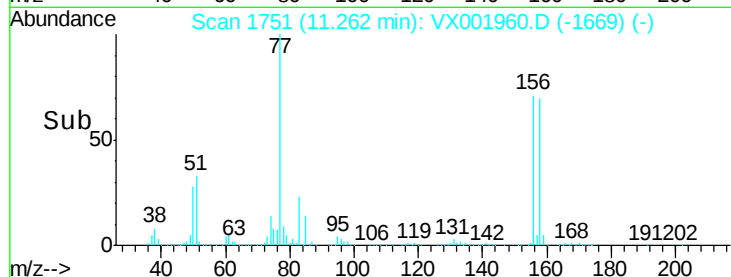
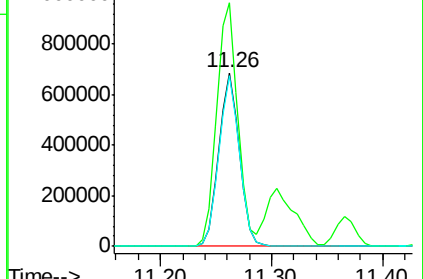
158 97.9 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 177.22 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001960.D

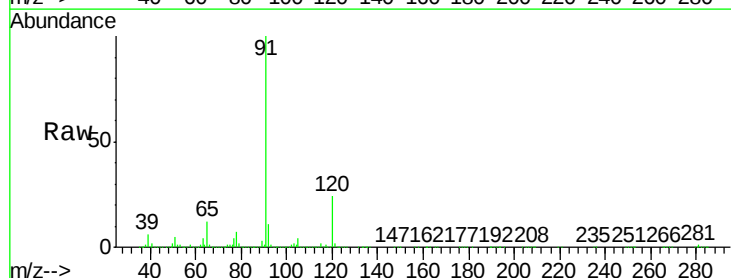
Acq: 25 May 2018 00:19

Tgt Ion: 91 Resp: 3549288

Ion Ratio Lower Upper

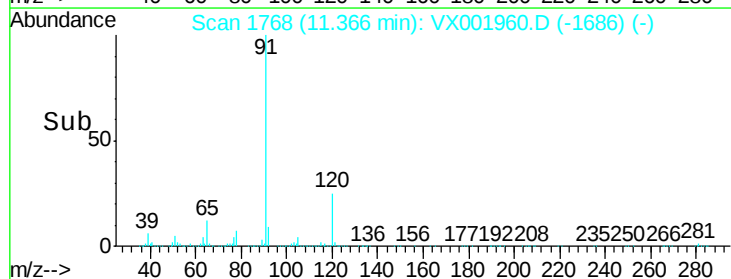
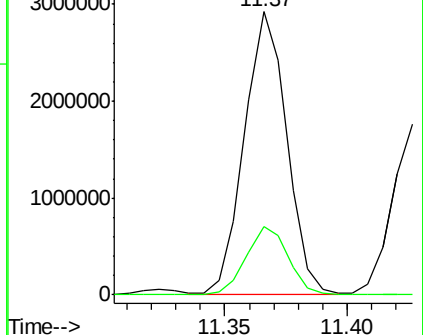
91 100

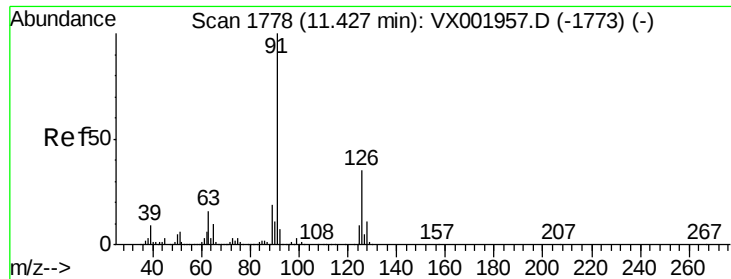
120 24.0 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 174.32 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

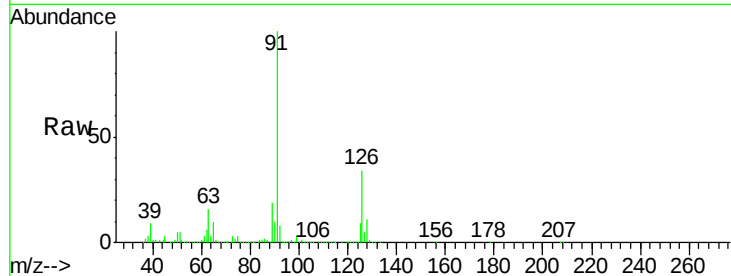
VSTDIC150

Tgt Ion: 91 Resp: 2182203

Ion Ratio Lower Upper

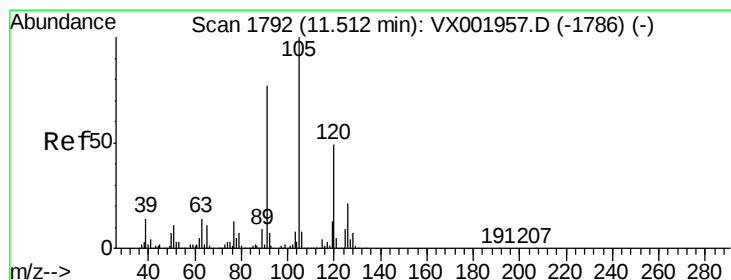
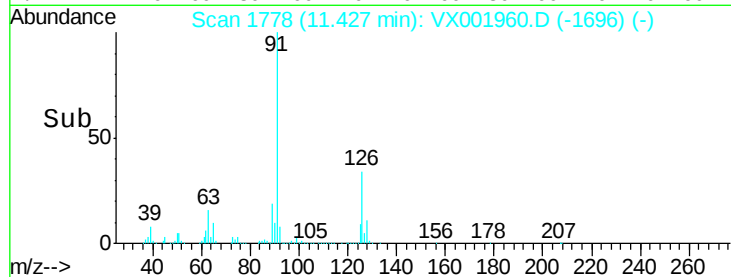
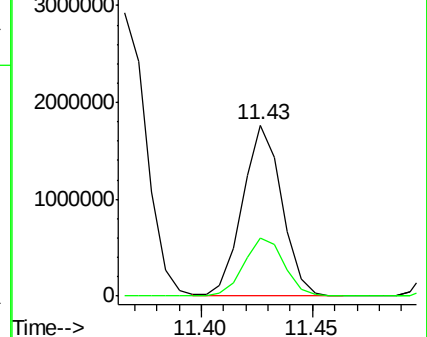
91 100

126 34.7 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX001957.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001957.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 175.63 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001960.D

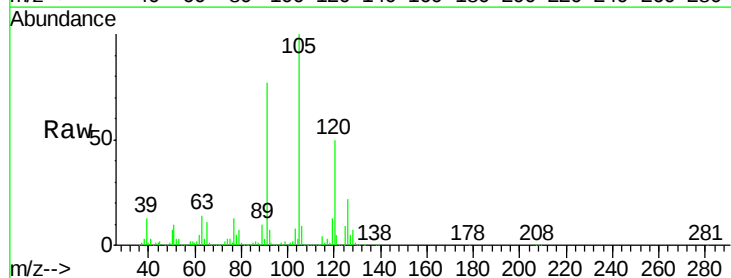
Acq: 25 May 2018 00:19

Tgt Ion: 105 Resp: 2690185

Ion Ratio Lower Upper

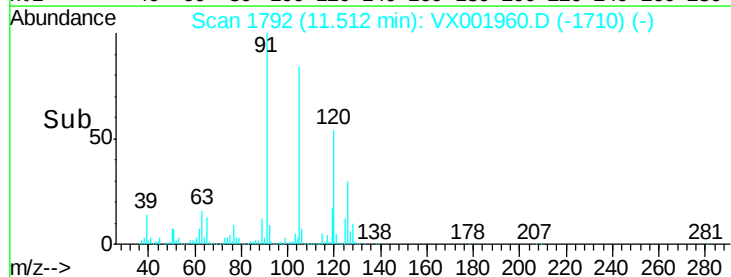
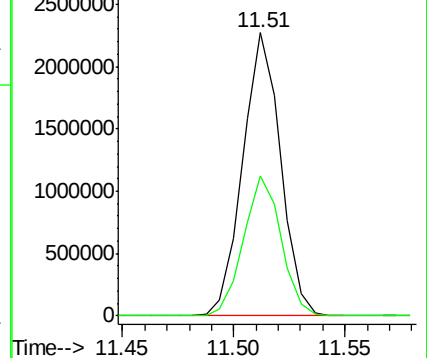
105 100

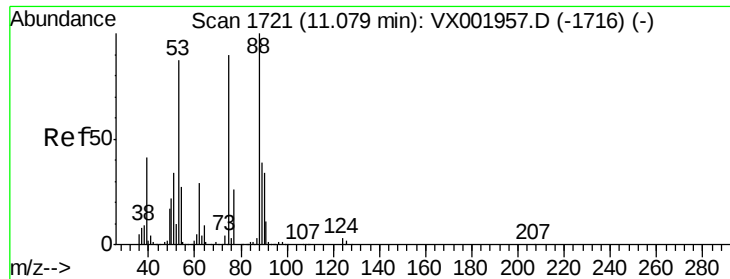
120 49.2 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX001957.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001957.D (-1786) (-)

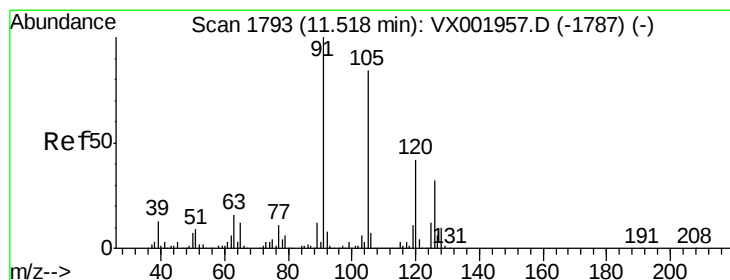
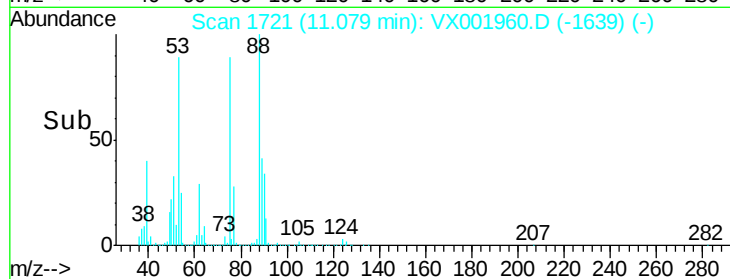
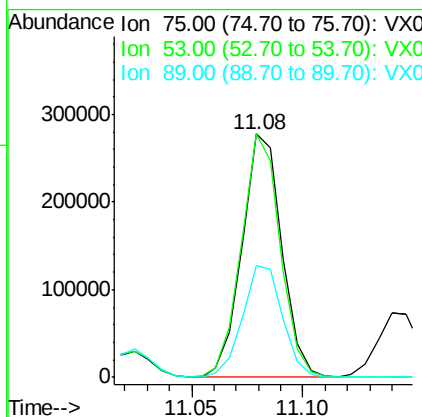
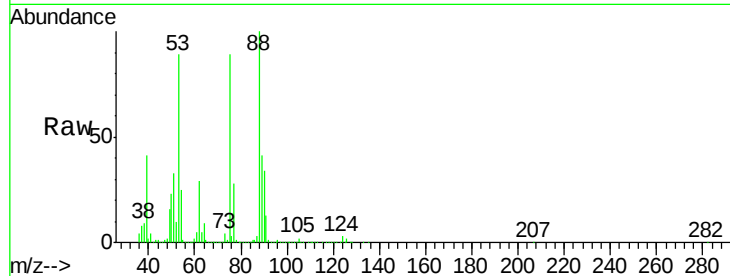




#77
t-1,4-Dichloro-2-butene
Concen: 210.08 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

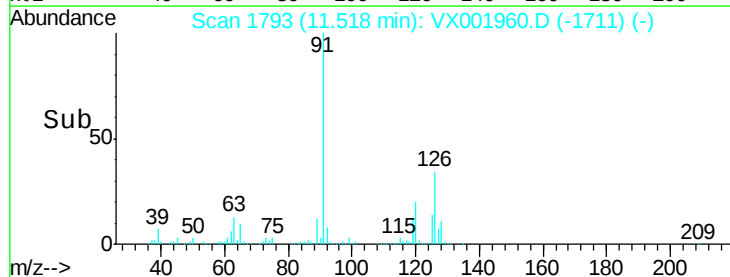
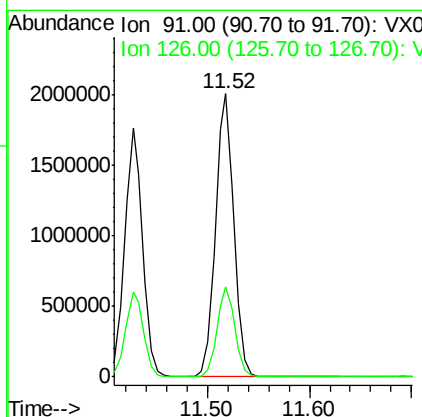
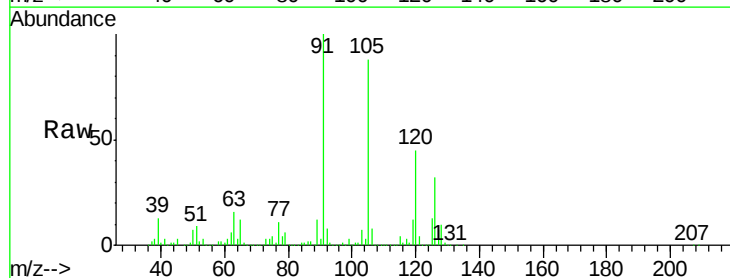
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

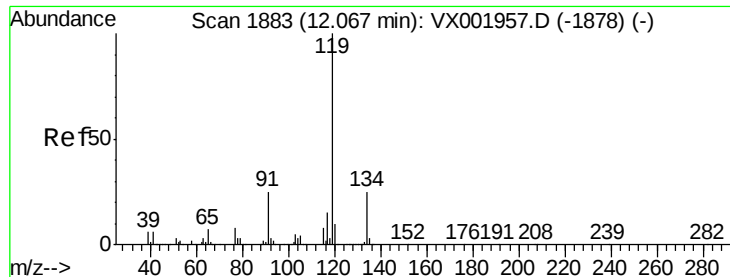
Tgt Ion: 75 Resp: 345735
Ion Ratio Lower Upper
75 100
53 100.0 48.3 144.9
89 46.0 21.8 65.4



#78
4-Chlorotoluene
Concen: 178.53 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

Tgt Ion: 91 Resp: 2535791
Ion Ratio Lower Upper
91 100
126 31.1 0.0 61.0





#79

tert-butylbenzene

Concen: 179.93 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

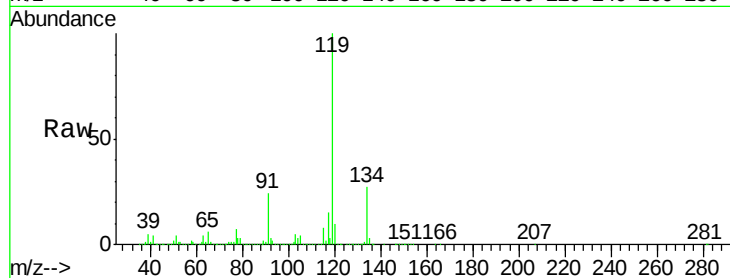
Tgt Ion:119 Resp: 2899640

Ion Ratio Lower Upper

119 100

91 24.3 0.0 48.0

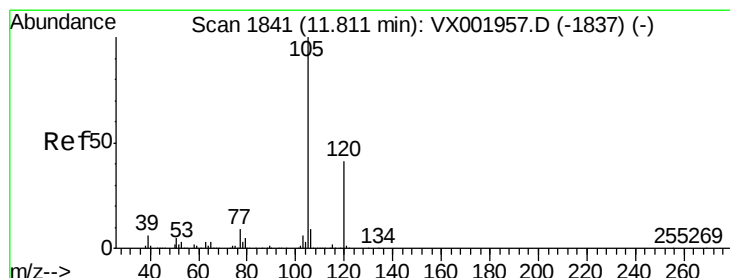
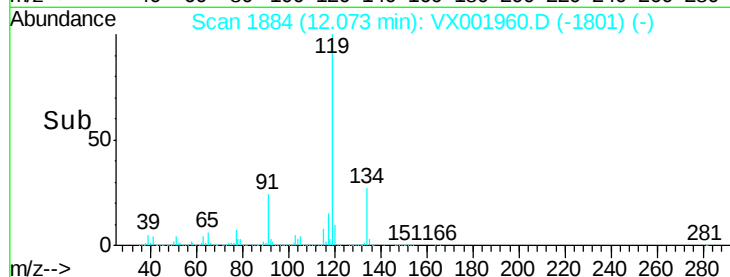
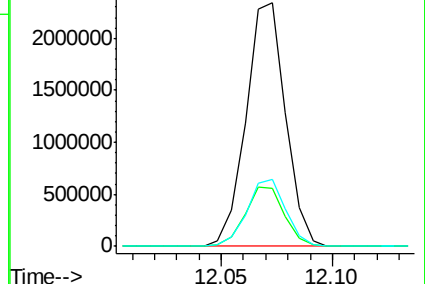
134 27.1 0.0 52.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 177.45 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001960.D

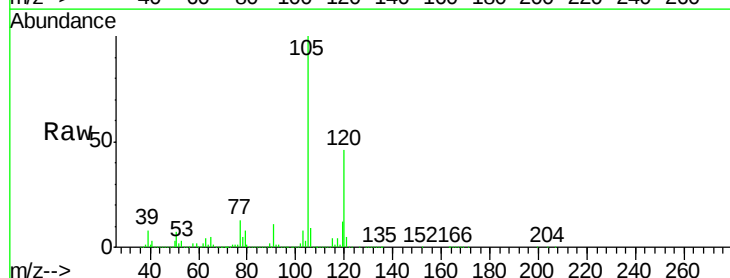
Acq: 25 May 2018 00:19

Tgt Ion:105 Resp: 2765972

Ion Ratio Lower Upper

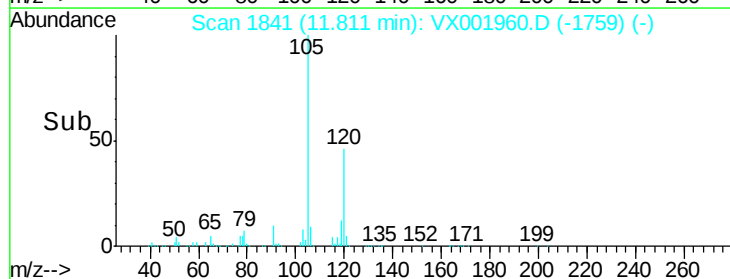
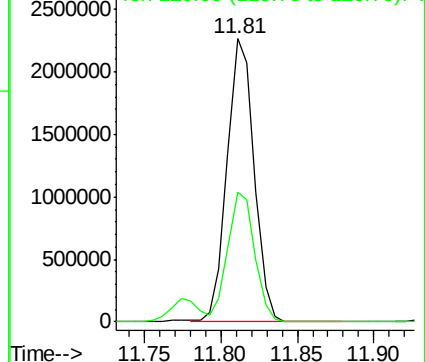
105 100

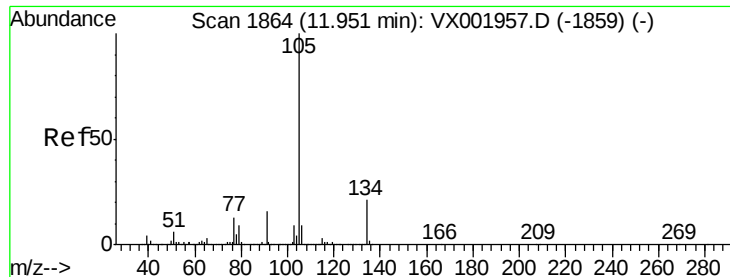
120 45.5 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

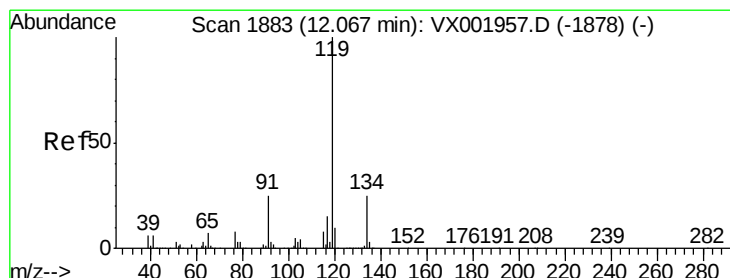
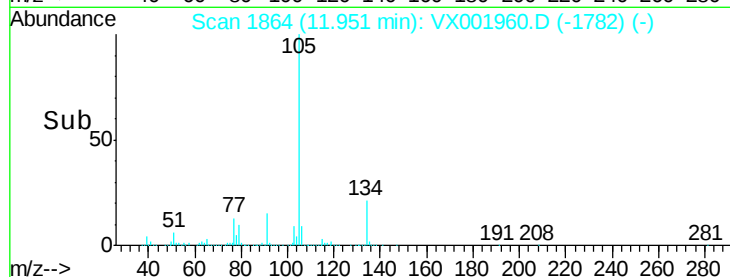
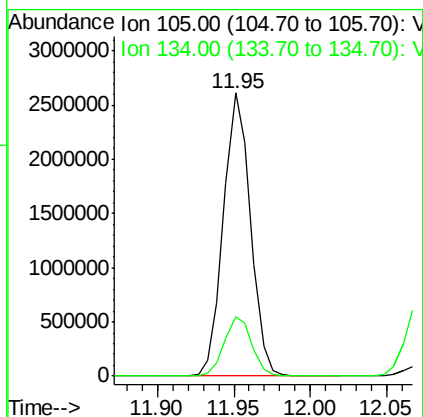
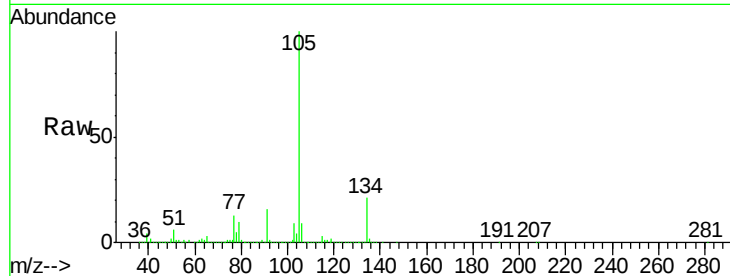




#81
 sec-Butylbenzene
 Concen: 179.50 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

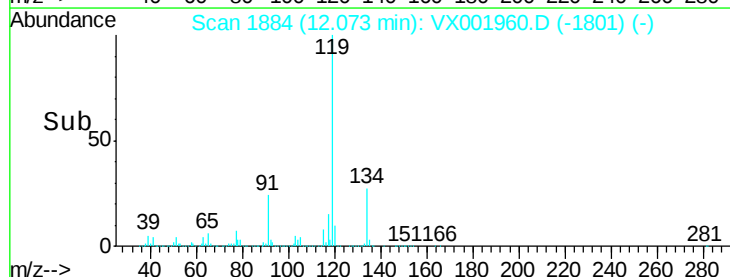
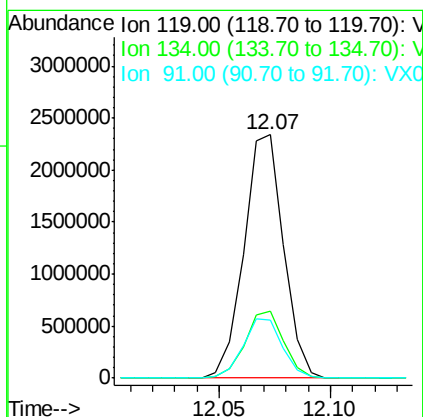
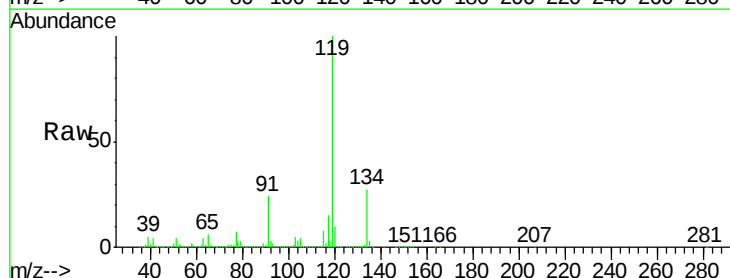
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

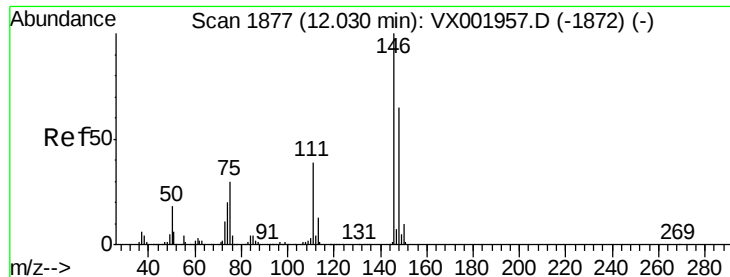
Tgt Ion:105 Resp: 3193949
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 179.93 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Tgt Ion:119 Resp: 2899640
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 52.6
 91 24.3 0.0 48.0

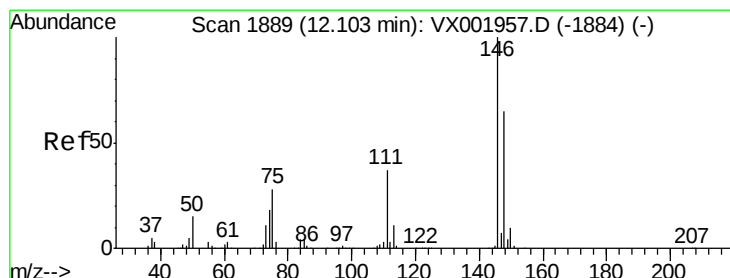
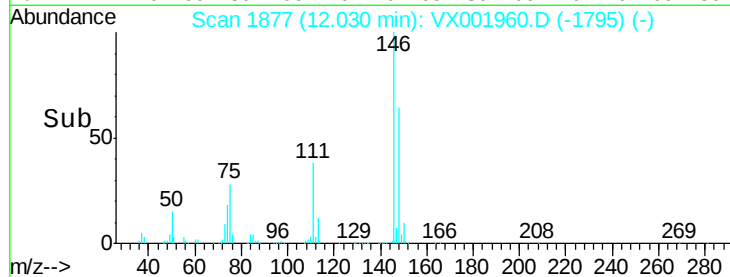
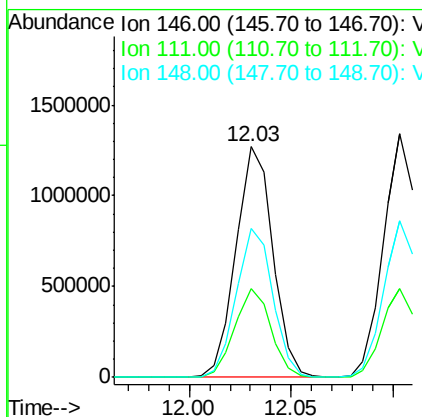
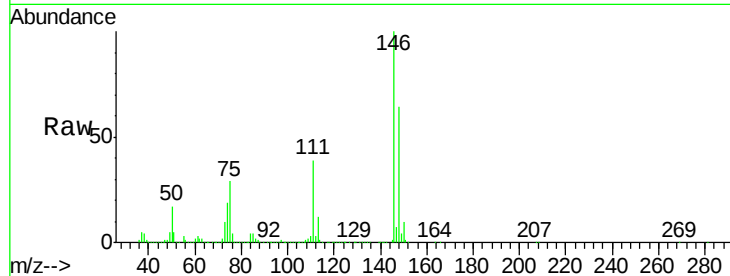




#83
 1,3-Dichlorobenzene
 Concen: 169.89 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

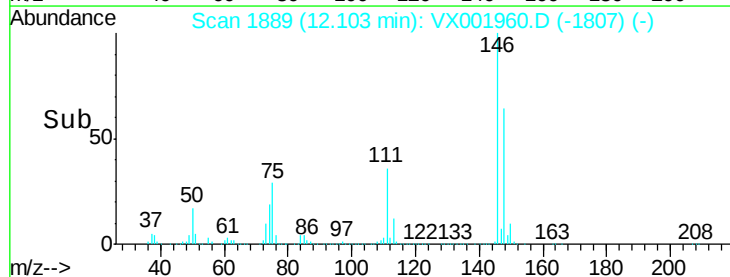
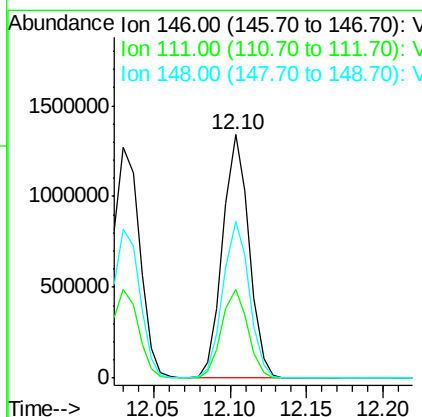
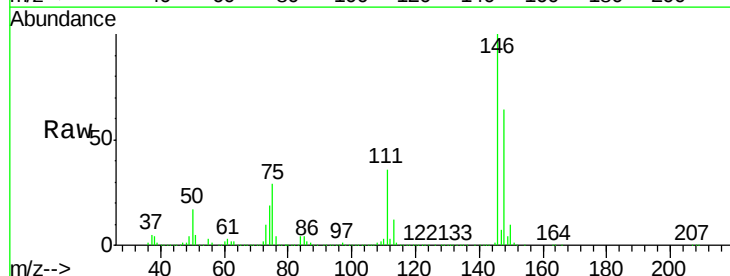
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

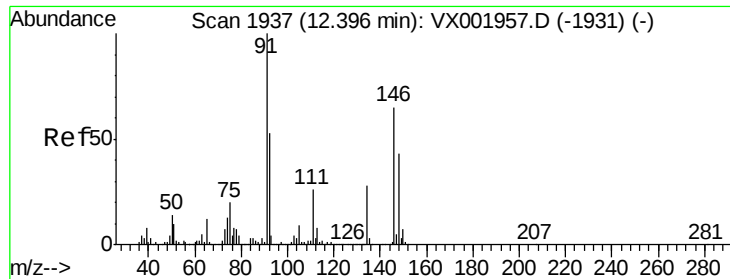
Tgt Ion:146 Resp: 1590961
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.5
 148 64.2 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 170.76 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Tgt Ion:146 Resp: 1603756
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.5 55.5
 148 64.4 32.0 96.0

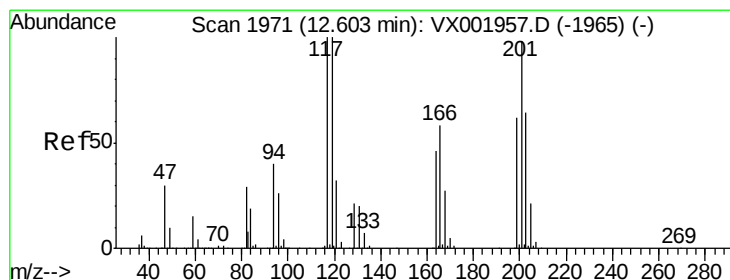
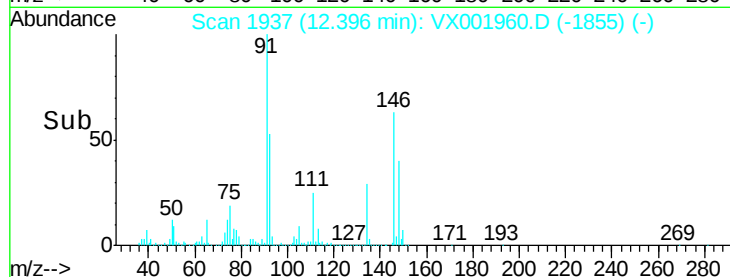
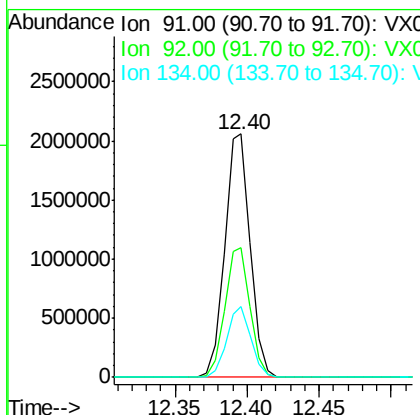
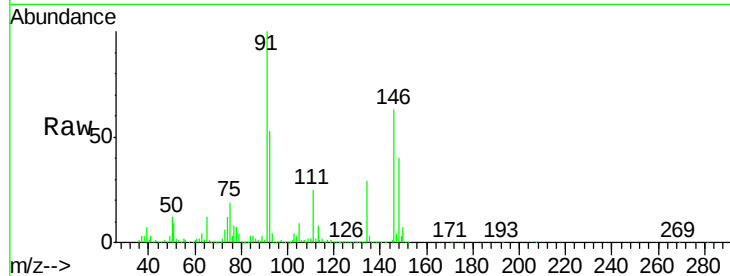




#85
n-Butylbenzene
Concen: 195.63 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

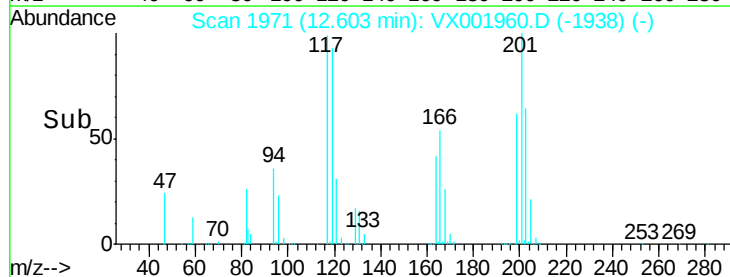
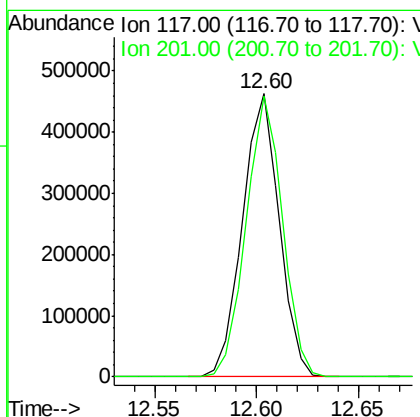
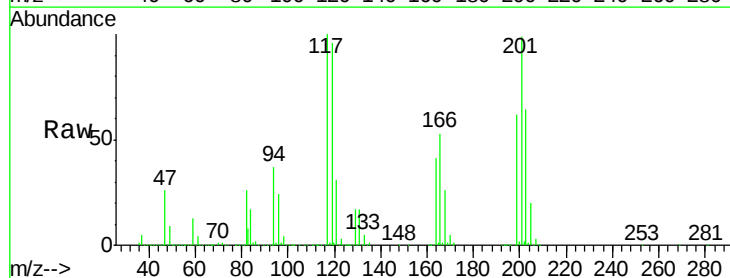
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

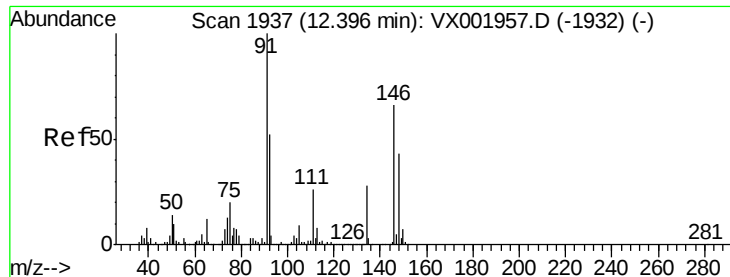
Tgt Ion: 91 Resp: 2543509
Ion Ratio Lower Upper
91 100
92 53.0 0.0 105.2
134 27.9 0.0 53.2



#86
Hexachloroethane
Concen: 212.42 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001960.D
Acq: 25 May 2018 00:19

Tgt Ion: 117 Resp: 579426
Ion Ratio Lower Upper
117 100
201 98.5 47.6 142.8

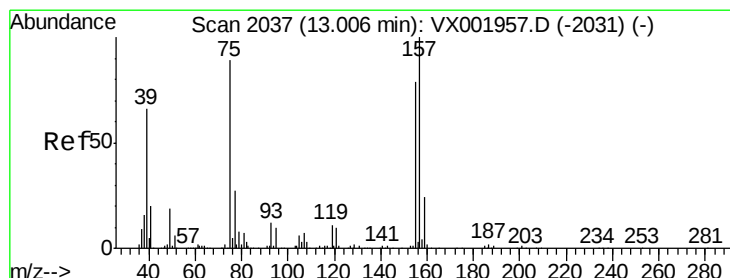
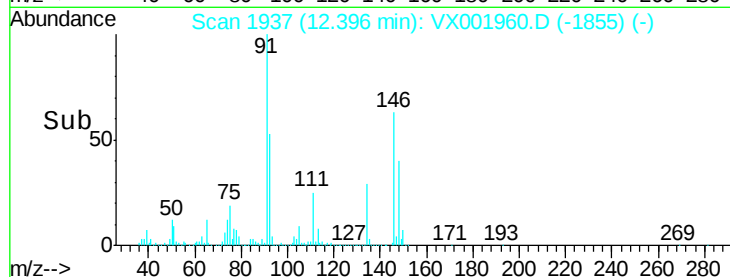
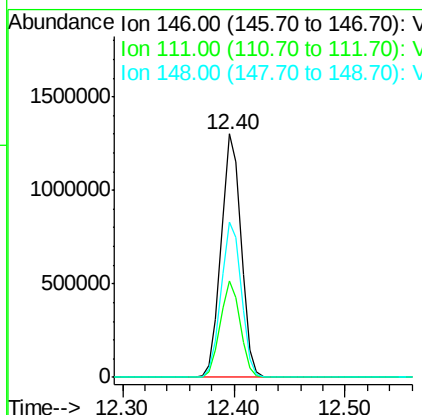
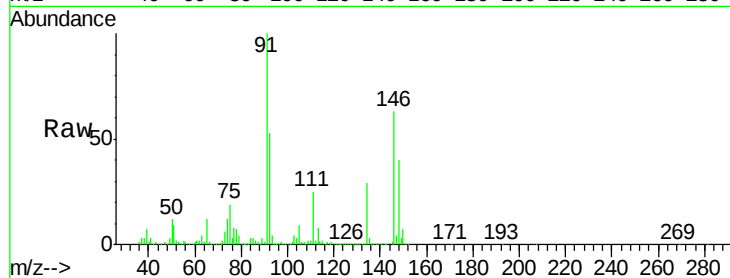




#87
 1,2-Dichlorobenzene
 Concen: 167.20 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

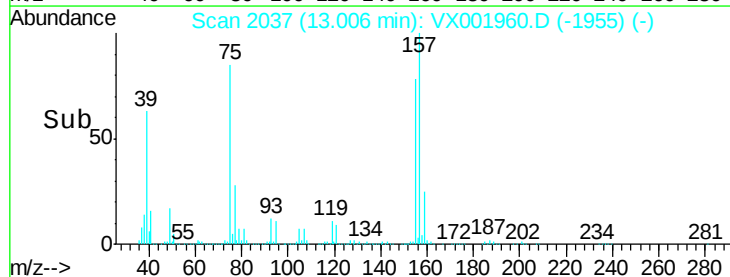
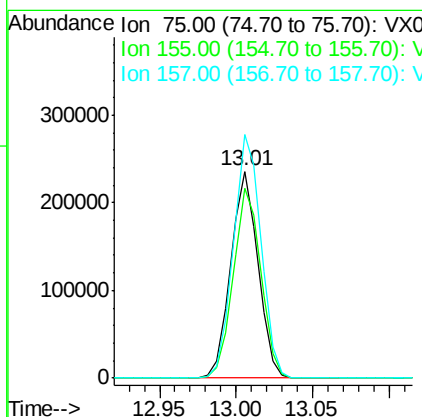
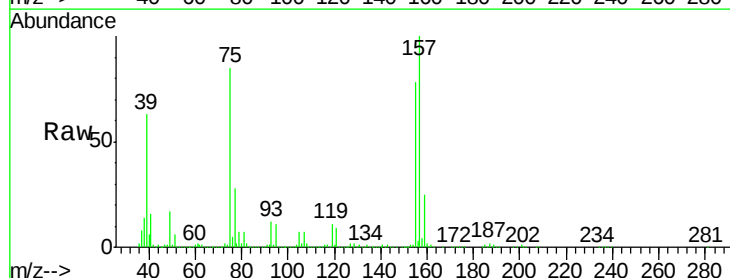
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

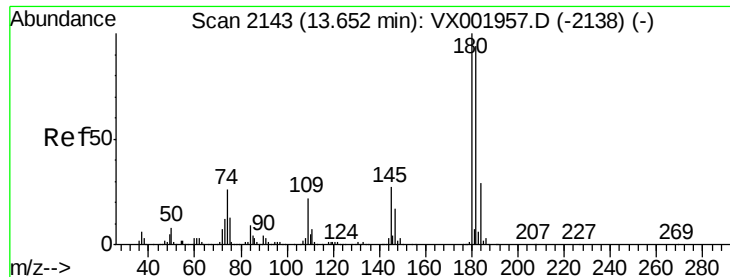
Tgt Ion:146 Resp: 1620758
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 64.4 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 195.27 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001960.D
 Acq: 25 May 2018 00:19

Tgt Ion: 75 Resp: 289347
 Ion Ratio Lower Upper
 75 100
 155 92.7 73.1 109.7
 157 119.9 93.1 139.7





#89

1,2,4-Trichlorobenzene

Concen: 175.15 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

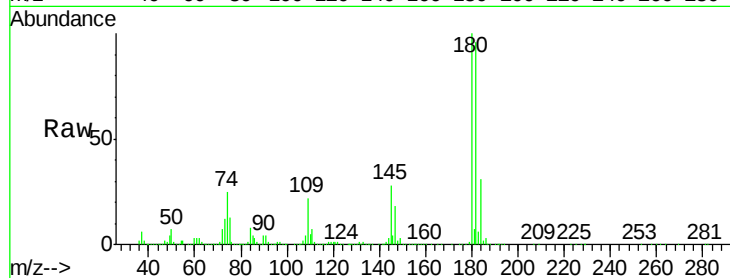
Tgt Ion:180 Resp: 1208930

Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

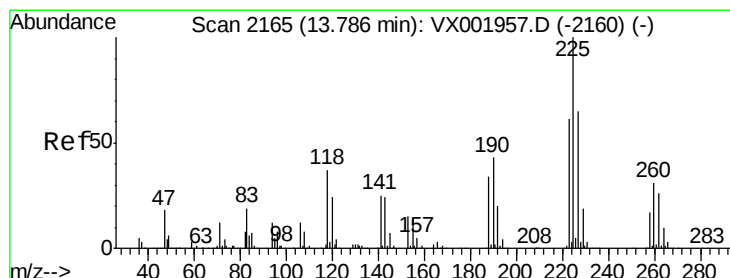
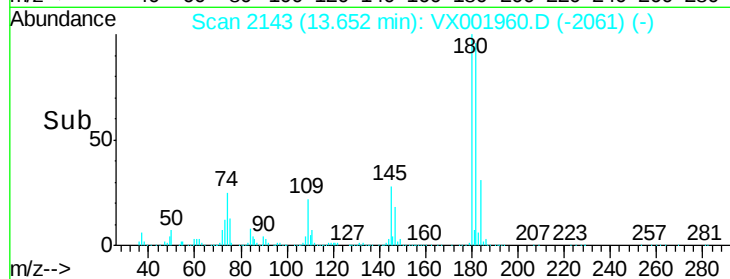
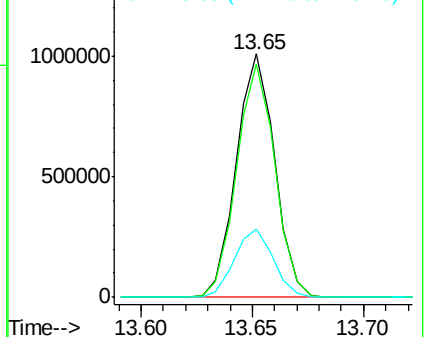
145 28.5 22.9 34.3



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 177.64 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

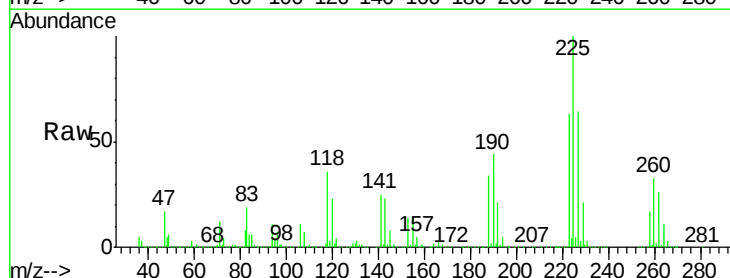
Tgt Ion:225 Resp: 628585

Ion Ratio Lower Upper

225 100

223 62.8 0.0 122.4

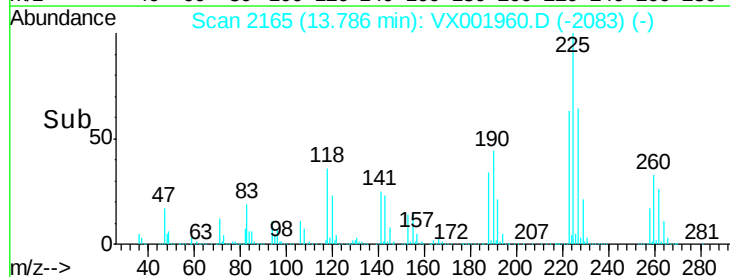
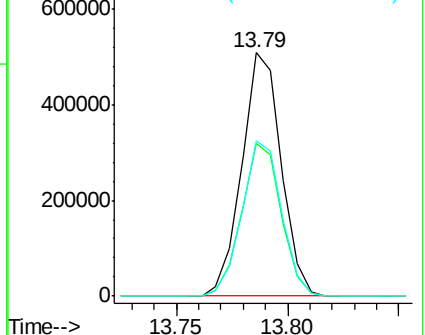
227 64.2 0.0 128.0

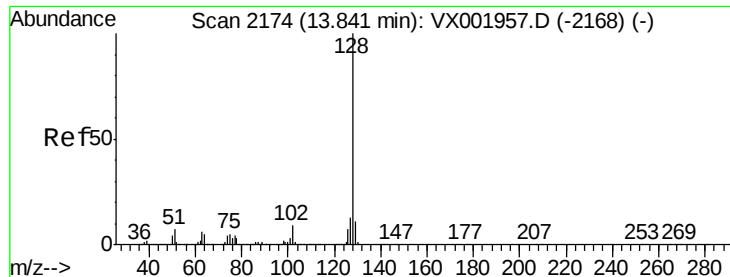


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 169.49 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

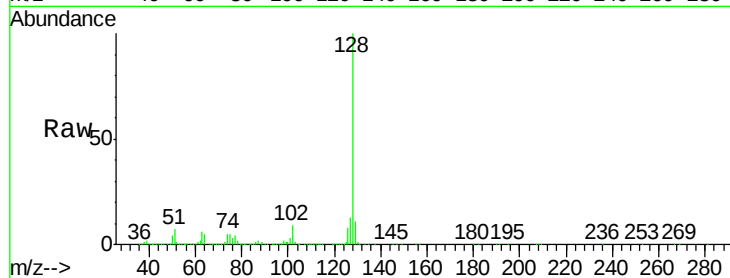
Tgt Ion:128 Resp: 3564471

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

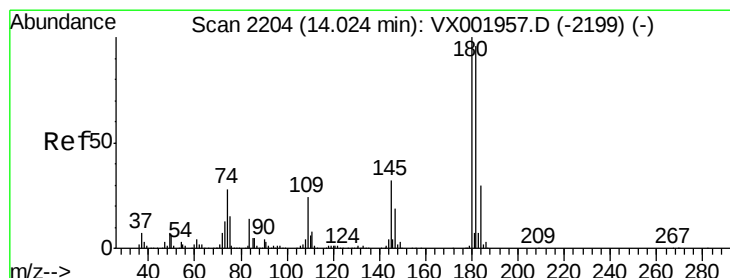
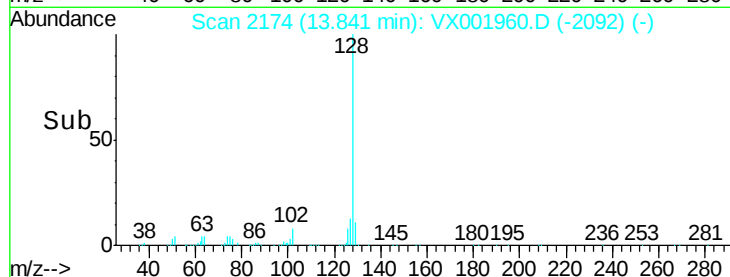
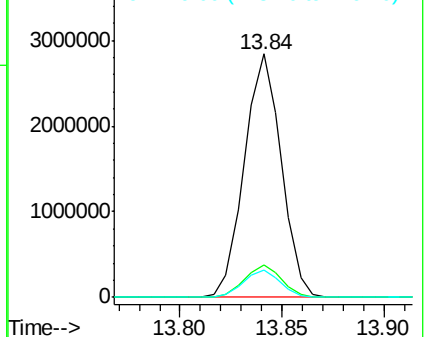
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 167.37 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001960.D

Acq: 25 May 2018 00:19

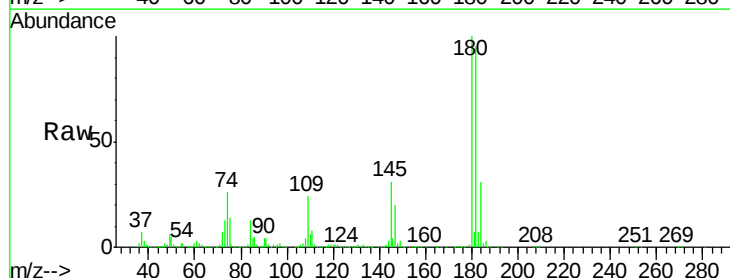
Tgt Ion:180 Resp: 1220649

Ion Ratio Lower Upper

180 100

182 96.4 0.0 191.0

145 30.2 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

